

Name : \_\_\_\_\_

Score : \_\_\_\_\_

# PLACE VALUE

Mixed: S1

Numbers	Hundred Millions	Ten Millions	Millions	Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones
751,679,240									
2,491,304									
89,356,172									
1,687,426									
934,118,685									
58,920,014									
610,832,813									
85,241,697									
3,569,485									
4,105,623									

Name : \_\_\_\_\_

Score : \_\_\_\_\_

**Answer key****PLACE VALUE**

Mixed: S1

Numbers	Hundred Millions	Ten Millions	Millions	Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones
751,679,240	<b>7</b>	<b>5</b>	<b>1</b>	<b>6</b>	<b>7</b>	<b>9</b>	<b>2</b>	<b>4</b>	<b>0</b>
2,491,304			<b>2</b>	<b>4</b>	<b>9</b>	<b>1</b>	<b>3</b>	<b>0</b>	<b>4</b>
89,356,172		<b>8</b>	<b>9</b>	<b>3</b>	<b>5</b>	<b>6</b>	<b>1</b>	<b>7</b>	<b>2</b>
1,687,426			<b>1</b>	<b>6</b>	<b>8</b>	<b>7</b>	<b>4</b>	<b>2</b>	<b>6</b>
934,118,685	<b>9</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>1</b>	<b>8</b>	<b>6</b>	<b>8</b>	<b>5</b>
58,920,014		<b>5</b>	<b>8</b>	<b>9</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>4</b>
610,832,813	<b>6</b>	<b>1</b>	<b>0</b>	<b>8</b>	<b>3</b>	<b>2</b>	<b>8</b>	<b>1</b>	<b>3</b>
85,241,697		<b>8</b>	<b>5</b>	<b>2</b>	<b>4</b>	<b>1</b>	<b>6</b>	<b>9</b>	<b>7</b>
3,569,485			<b>3</b>	<b>5</b>	<b>6</b>	<b>9</b>	<b>4</b>	<b>8</b>	<b>5</b>
4,105,623			<b>4</b>	<b>1</b>	<b>0</b>	<b>5</b>	<b>6</b>	<b>2</b>	<b>3</b>

Name : \_\_\_\_\_

# DIVISIBILITY RULES

A number is divisible by:

2

if its last digit is even (0, 2, 4, 6, 8).

3

if the sum of the digits is divisible by 3.

4

if the last two digits of a number are divisible by 4.

5

if the last digit is either 0 or 5.

6

if the number is divisible by both 2 and 3.

7

if the last digit of the number is doubled and subtracted from the rest of the number and this difference is divisible by 7.

8

if the last three digits of a number are divisible by 8.

9

if the sum of the digits is divisible by 9.

10

if the number ends with 0.

11

if the difference of the alternating sum of digits is a multiple of 11.

12

if the number is divisible by both 3 and 4.

Name: \_\_\_\_\_

## Division

No remainder: S1

1)

$$2 \overline{) 734}$$

2)

$$6 \overline{) 258}$$

3)

$$7 \overline{) 147}$$

4)

$$4 \overline{) 620}$$

5)

$$8 \overline{) 552}$$

6)

$$4 \overline{) 304}$$

7)

$$3 \overline{) 729}$$

8)

$$6 \overline{) 972}$$

9)

$$5 \overline{) 855}$$

10)

$$2 \overline{) 416}$$

11)

$$9 \overline{) 261}$$

12)

$$7 \overline{) 343}$$

Name: \_\_\_\_\_

## Answer key

### Division

No remainder: S1

1) 
$$\begin{array}{r} 367 \\ 2 \overline{) 734} \end{array}$$

2) 
$$\begin{array}{r} 43 \\ 6 \overline{) 258} \end{array}$$

3) 
$$\begin{array}{r} 21 \\ 7 \overline{) 147} \end{array}$$

4) 
$$\begin{array}{r} 155 \\ 4 \overline{) 620} \end{array}$$

5) 
$$\begin{array}{r} 69 \\ 8 \overline{) 552} \end{array}$$

6) 
$$\begin{array}{r} 76 \\ 4 \overline{) 304} \end{array}$$

7) 
$$\begin{array}{r} 243 \\ 3 \overline{) 729} \end{array}$$

8) 
$$\begin{array}{r} 162 \\ 6 \overline{) 972} \end{array}$$

9) 
$$\begin{array}{r} 171 \\ 5 \overline{) 855} \end{array}$$

10) 
$$\begin{array}{r} 208 \\ 2 \overline{) 416} \end{array}$$

11) 
$$\begin{array}{r} 29 \\ 9 \overline{) 261} \end{array}$$

12) 
$$\begin{array}{r} 49 \\ 7 \overline{) 343} \end{array}$$

Name : \_\_\_\_\_

Score : \_\_\_\_\_

Teacher : \_\_\_\_\_

Date : \_\_\_\_\_

### Adding Fractions

1)  $\frac{6}{10} + \frac{1}{3} =$

2)  $\frac{3}{4} + \frac{1}{3} =$

3)  $\frac{1}{3} + \frac{8}{10} =$

4)  $\frac{1}{5} + \frac{1}{3} =$

5)  $\frac{1}{2} + \frac{3}{5} =$

6)  $\frac{9}{10} + \frac{1}{5} =$

7)  $\frac{4}{5} + \frac{3}{10} =$

8)  $\frac{2}{10} + \frac{3}{4} =$

9)  $\frac{1}{3} + \frac{5}{10} =$

10)  $\frac{1}{5} + \frac{1}{2} =$

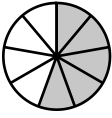
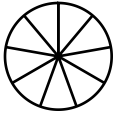
Name : \_\_\_\_\_

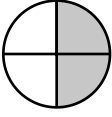
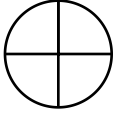
Score : \_\_\_\_\_

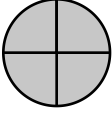
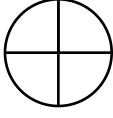
Teacher : \_\_\_\_\_

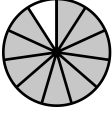
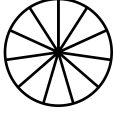
Date : \_\_\_\_\_

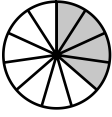
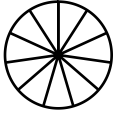
### Visually Subtracting Simple Fractions

1)   $\frac{5}{9} - \frac{4}{9} =$   \_\_\_\_\_

2)   $\frac{2}{4} - \frac{1}{4} =$   \_\_\_\_\_

3)   $\frac{4}{4} - \frac{1}{4} =$   \_\_\_\_\_

4)   $\frac{10}{11} - \frac{6}{11} =$   \_\_\_\_\_

5)   $\frac{4}{11} - \frac{3}{11} =$   \_\_\_\_\_

Name : \_\_\_\_\_

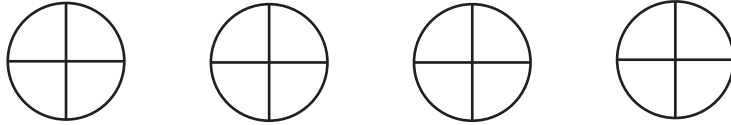
## Coloring Shapes - Mixed Numbers

Sheet 1

Color the models to represent the mixed numbers.

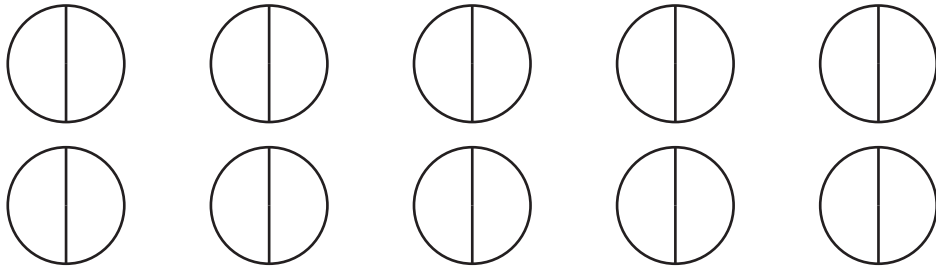
1)

$$3\frac{2}{4}$$



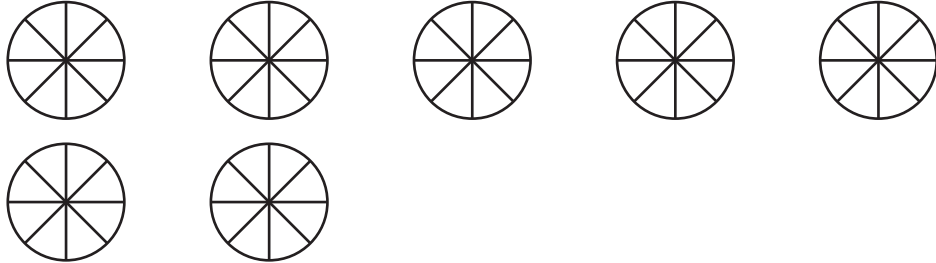
2)

$$9\frac{1}{2}$$



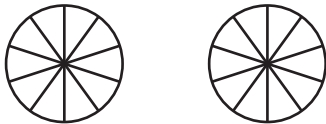
3)

$$6\frac{4}{8}$$



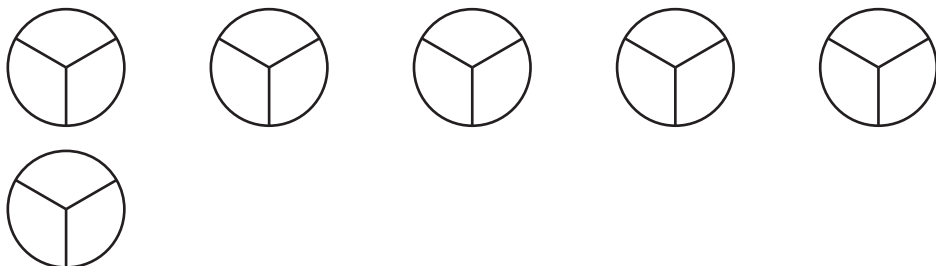
4)

$$1\frac{7}{10}$$



5)

$$5\frac{2}{3}$$





Name : \_\_\_\_\_

## Divisibility Rule

Sheet 1

1) 69,810

Is it divisible by 2? \_\_\_\_\_

Is it divisible by 5? \_\_\_\_\_

Is it divisible by 10? \_\_\_\_\_

2) 5,783

Is it divisible by 3? \_\_\_\_\_

Is it divisible by 4? \_\_\_\_\_

Is it divisible by 12? \_\_\_\_\_

3) 369

Is it divisible by 2? \_\_\_\_\_

Is it divisible by 3? \_\_\_\_\_

Is it divisible by 6? \_\_\_\_\_

4) 8,918

Is it divisible by 3? \_\_\_\_\_

Is it divisible by 5? \_\_\_\_\_

Is it divisible by 15? \_\_\_\_\_

5) 2,324

Is it divisible by 3? \_\_\_\_\_

Is it divisible by 4? \_\_\_\_\_

Is it divisible by 12? \_\_\_\_\_

6) 476

Is it divisible by 2? \_\_\_\_\_

Is it divisible by 5? \_\_\_\_\_

Is it divisible by 10? \_\_\_\_\_

7) 16,311

Is it divisible by 3? \_\_\_\_\_

Is it divisible by 5? \_\_\_\_\_

Is it divisible by 15? \_\_\_\_\_

8) 72

Is it divisible by 2? \_\_\_\_\_

Is it divisible by 3? \_\_\_\_\_

Is it divisible by 6? \_\_\_\_\_

Name : \_\_\_\_\_

## Divisibility Rule

Sheet 2

1) 3,790

Is it divisible by 3? \_\_\_\_\_

Is it divisible by 5? \_\_\_\_\_

Is it divisible by 15? \_\_\_\_\_

2) 28,580

Is it divisible by 2? \_\_\_\_\_

Is it divisible by 3? \_\_\_\_\_

Is it divisible by 6? \_\_\_\_\_

3) 95,683

Is it divisible by 3? \_\_\_\_\_

Is it divisible by 4? \_\_\_\_\_

Is it divisible by 12? \_\_\_\_\_

4) 40

Is it divisible by 2? \_\_\_\_\_

Is it divisible by 5? \_\_\_\_\_

Is it divisible by 10? \_\_\_\_\_

5) 882

Is it divisible by 2? \_\_\_\_\_

Is it divisible by 3? \_\_\_\_\_

Is it divisible by 6? \_\_\_\_\_

6) 46,875

Is it divisible by 3? \_\_\_\_\_

Is it divisible by 5? \_\_\_\_\_

Is it divisible by 15? \_\_\_\_\_

7) 1,941

Is it divisible by 2? \_\_\_\_\_

Is it divisible by 5? \_\_\_\_\_

Is it divisible by 10? \_\_\_\_\_

8) 5,324

Is it divisible by 3? \_\_\_\_\_

Is it divisible by 4? \_\_\_\_\_

Is it divisible by 12? \_\_\_\_\_

Name : \_\_\_\_\_

## Divisibility Rule

Sheet 3

1) 319

Is it divisible by 2? \_\_\_\_\_

Is it divisible by 3? \_\_\_\_\_

Is it divisible by 6? \_\_\_\_\_

2) 2,475

Is it divisible by 3? \_\_\_\_\_

Is it divisible by 5? \_\_\_\_\_

Is it divisible by 15? \_\_\_\_\_

3) 6,385

Is it divisible by 2? \_\_\_\_\_

Is it divisible by 5? \_\_\_\_\_

Is it divisible by 10? \_\_\_\_\_

4) 85,242

Is it divisible by 3? \_\_\_\_\_

Is it divisible by 4? \_\_\_\_\_

Is it divisible by 12? \_\_\_\_\_

5) 81

Is it divisible by 3? \_\_\_\_\_

Is it divisible by 5? \_\_\_\_\_

Is it divisible by 15? \_\_\_\_\_

6) 9,633

Is it divisible by 2? \_\_\_\_\_

Is it divisible by 3? \_\_\_\_\_

Is it divisible by 6? \_\_\_\_\_

7) 528

Is it divisible by 3? \_\_\_\_\_

Is it divisible by 4? \_\_\_\_\_

Is it divisible by 12? \_\_\_\_\_

8) 12,457

Is it divisible by 2? \_\_\_\_\_

Is it divisible by 5? \_\_\_\_\_

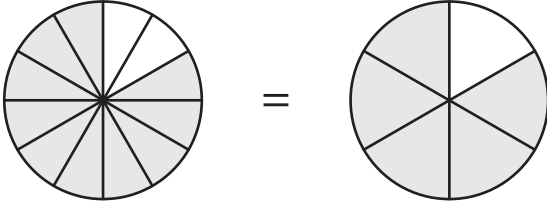
Is it divisible by 10? \_\_\_\_\_

Name : \_\_\_\_\_

## Simplifying Fractions Using Models

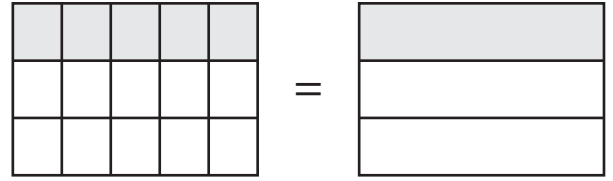
Simplify each fraction using the given models.

1)



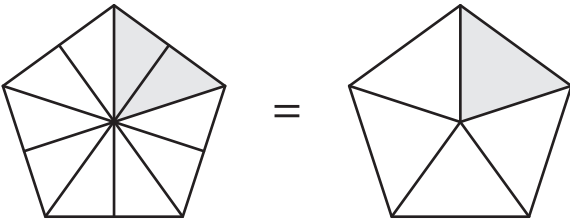
$$\frac{10}{12} = \frac{\square}{\square}$$

2)



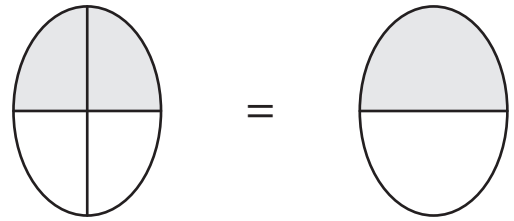
$$\frac{5}{15} = \frac{\square}{\square}$$

3)



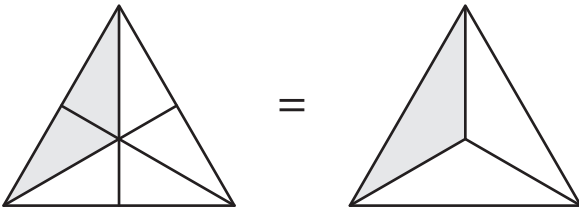
$$\frac{2}{10} = \frac{\square}{\square}$$

4)



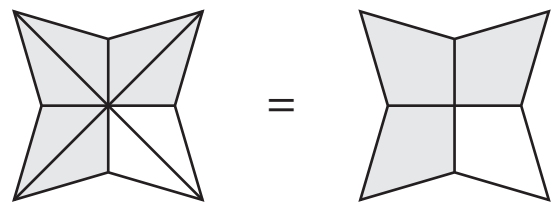
$$\frac{2}{4} = \frac{\square}{\square}$$

5)



$$\frac{2}{6} = \frac{\square}{\square}$$

6)

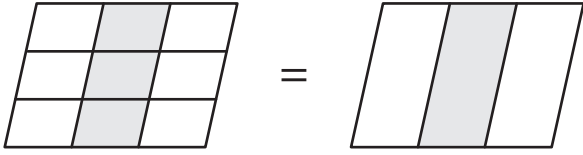


$$\frac{6}{8} = \frac{\square}{\square}$$

## Simplifying Fractions Using Models

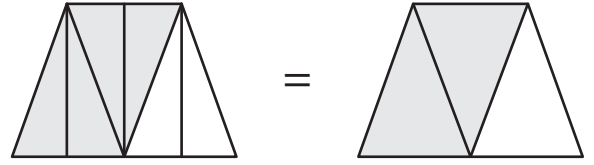
Simplify each fraction using the given models.

1)



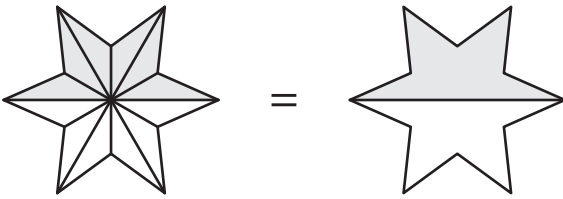
$$\frac{3}{9} = \frac{\square}{\square}$$

2)



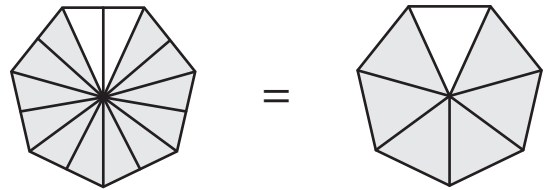
$$\frac{4}{6} = \frac{\square}{\square}$$

3)



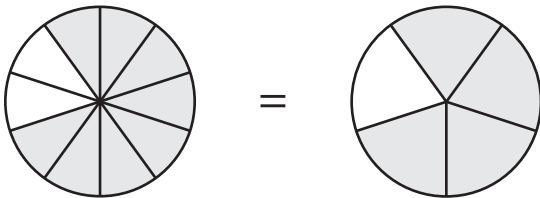
$$\frac{6}{12} = \frac{\square}{\square}$$

4)



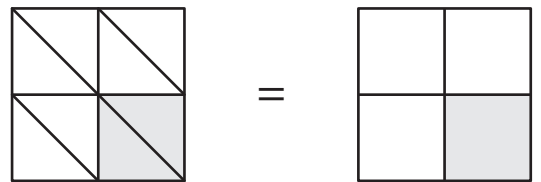
$$\frac{12}{14} = \frac{\square}{\square}$$

5)



$$\frac{8}{10} = \frac{\square}{\square}$$

6)



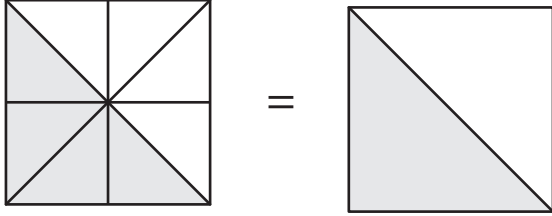
$$\frac{2}{8} = \frac{\square}{\square}$$

Name : \_\_\_\_\_

## Simplifying Fractions Using Models

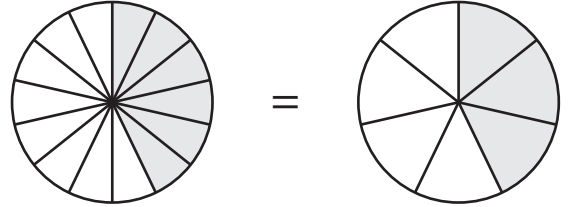
Simplify each fraction using the given models.

1)



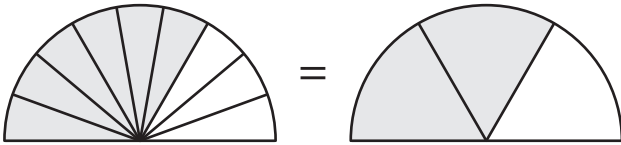
$$\frac{4}{8} = \frac{\square}{\square}$$

2)



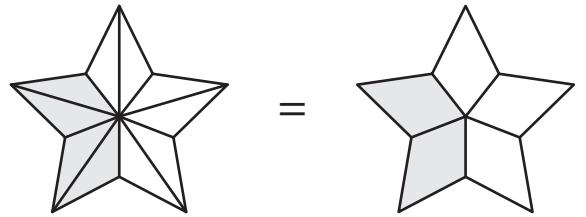
$$\frac{6}{14} = \frac{\square}{\square}$$

3)



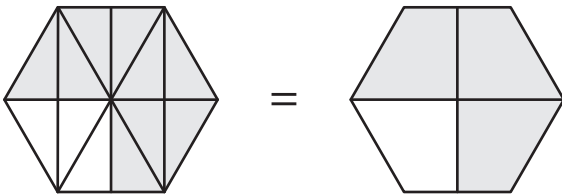
$$\frac{6}{9} = \frac{\square}{\square}$$

4)



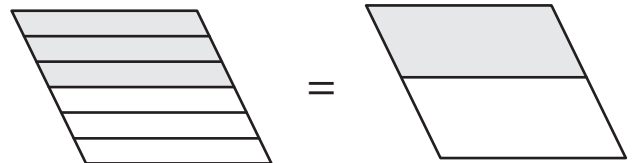
$$\frac{4}{10} = \frac{\square}{\square}$$

5)



$$\frac{9}{12} = \frac{\square}{\square}$$

6)



$$\frac{3}{6} = \frac{\square}{\square}$$

Name : \_\_\_\_\_

Score : \_\_\_\_\_

**Multiplication**

3-digit &amp; 4-digit by 1-digit: S1

1) 
$$\begin{array}{r} 5,789 \\ \times \quad 5 \\ \hline \end{array}$$

2) 
$$\begin{array}{r} 9,505 \\ \times \quad 7 \\ \hline \end{array}$$

3) 
$$\begin{array}{r} 683 \\ \times \quad 6 \\ \hline \end{array}$$

4) 
$$\begin{array}{r} 4,826 \\ \times \quad 8 \\ \hline \end{array}$$

5) 
$$\begin{array}{r} 783 \\ \times \quad 9 \\ \hline \end{array}$$

6) 
$$\begin{array}{r} 6,820 \\ \times \quad 1 \\ \hline \end{array}$$

7) 
$$\begin{array}{r} 9,125 \\ \times \quad 4 \\ \hline \end{array}$$

8) 
$$\begin{array}{r} 126 \\ \times \quad 3 \\ \hline \end{array}$$

9) 
$$\begin{array}{r} 2,916 \\ \times \quad 2 \\ \hline \end{array}$$

10) 
$$\begin{array}{r} 391 \\ \times \quad 8 \\ \hline \end{array}$$

11) 
$$\begin{array}{r} 7,638 \\ \times \quad 5 \\ \hline \end{array}$$

12) 
$$\begin{array}{r} 4,273 \\ \times \quad 7 \\ \hline \end{array}$$

13) 
$$\begin{array}{r} 3,298 \\ \times \quad 4 \\ \hline \end{array}$$

14) 
$$\begin{array}{r} 5,184 \\ \times \quad 9 \\ \hline \end{array}$$

15) 
$$\begin{array}{r} 973 \\ \times \quad 6 \\ \hline \end{array}$$

16) 
$$\begin{array}{r} 8,190 \\ \times \quad 1 \\ \hline \end{array}$$

17) 
$$\begin{array}{r} 251 \\ \times \quad 8 \\ \hline \end{array}$$

18) 
$$\begin{array}{r} 9,274 \\ \times \quad 2 \\ \hline \end{array}$$

19) 
$$\begin{array}{r} 777 \\ \times \quad 3 \\ \hline \end{array}$$

20) 
$$\begin{array}{r} 6,489 \\ \times \quad 5 \\ \hline \end{array}$$

21) 
$$\begin{array}{r} 8,344 \\ \times \quad 7 \\ \hline \end{array}$$

22) 
$$\begin{array}{r} 542 \\ \times \quad 4 \\ \hline \end{array}$$

23) 
$$\begin{array}{r} 2,187 \\ \times \quad 6 \\ \hline \end{array}$$

24) 
$$\begin{array}{r} 708 \\ \times \quad 9 \\ \hline \end{array}$$

Name : \_\_\_\_\_

Score : \_\_\_\_\_

**Answer key****Multiplication**

3-digit &amp; 4-digit by 1-digit: S1

$$\begin{array}{r} 1) \quad 5,789 \\ \times \quad 5 \\ \hline \mathbf{28,945} \end{array}$$

$$\begin{array}{r} 2) \quad 9,505 \\ \times \quad 7 \\ \hline \mathbf{66,535} \end{array}$$

$$\begin{array}{r} 3) \quad 683 \\ \times \quad 6 \\ \hline \mathbf{4,098} \end{array}$$

$$\begin{array}{r} 4) \quad 4,826 \\ \times \quad 8 \\ \hline \mathbf{38,608} \end{array}$$

$$\begin{array}{r} 5) \quad 783 \\ \times \quad 9 \\ \hline \mathbf{7,047} \end{array}$$

$$\begin{array}{r} 6) \quad 6,820 \\ \times \quad 1 \\ \hline \mathbf{6,820} \end{array}$$

$$\begin{array}{r} 7) \quad 9,125 \\ \times \quad 4 \\ \hline \mathbf{36,500} \end{array}$$

$$\begin{array}{r} 8) \quad 126 \\ \times \quad 3 \\ \hline \mathbf{378} \end{array}$$

$$\begin{array}{r} 9) \quad 2,916 \\ \times \quad 2 \\ \hline \mathbf{5,832} \end{array}$$

$$\begin{array}{r} 10) \quad 391 \\ \times \quad 8 \\ \hline \mathbf{3,128} \end{array}$$

$$\begin{array}{r} 11) \quad 7,638 \\ \times \quad 5 \\ \hline \mathbf{38,190} \end{array}$$

$$\begin{array}{r} 12) \quad 4,273 \\ \times \quad 7 \\ \hline \mathbf{29,911} \end{array}$$

$$\begin{array}{r} 13) \quad 3,298 \\ \times \quad 4 \\ \hline \mathbf{13,192} \end{array}$$

$$\begin{array}{r} 14) \quad 5,184 \\ \times \quad 9 \\ \hline \mathbf{46,656} \end{array}$$

$$\begin{array}{r} 15) \quad 973 \\ \times \quad 6 \\ \hline \mathbf{5,838} \end{array}$$

$$\begin{array}{r} 16) \quad 8,190 \\ \times \quad 1 \\ \hline \mathbf{8,190} \end{array}$$

$$\begin{array}{r} 17) \quad 251 \\ \times \quad 8 \\ \hline \mathbf{2,008} \end{array}$$

$$\begin{array}{r} 18) \quad 9,274 \\ \times \quad 2 \\ \hline \mathbf{18,548} \end{array}$$

$$\begin{array}{r} 19) \quad 777 \\ \times \quad 3 \\ \hline \mathbf{2,331} \end{array}$$

$$\begin{array}{r} 20) \quad 6,489 \\ \times \quad 5 \\ \hline \mathbf{32,445} \end{array}$$

$$\begin{array}{r} 21) \quad 8,344 \\ \times \quad 7 \\ \hline \mathbf{58,408} \end{array}$$

$$\begin{array}{r} 22) \quad 542 \\ \times \quad 4 \\ \hline \mathbf{2,168} \end{array}$$

$$\begin{array}{r} 23) \quad 2,187 \\ \times \quad 6 \\ \hline \mathbf{13,122} \end{array}$$

$$\begin{array}{r} 24) \quad 708 \\ \times \quad 9 \\ \hline \mathbf{6,372} \end{array}$$



Name : \_\_\_\_\_

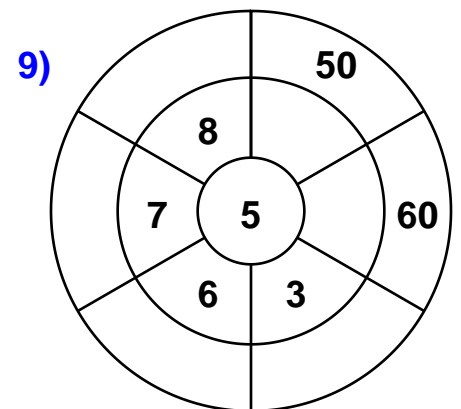
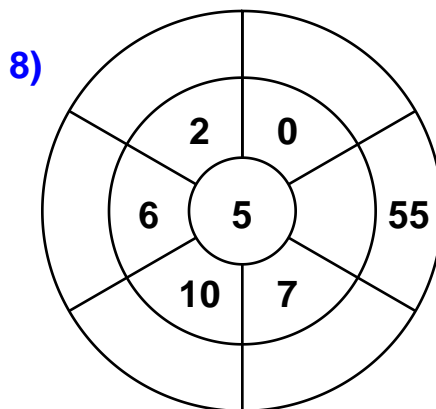
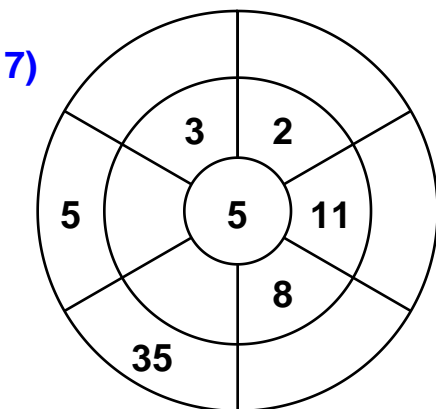
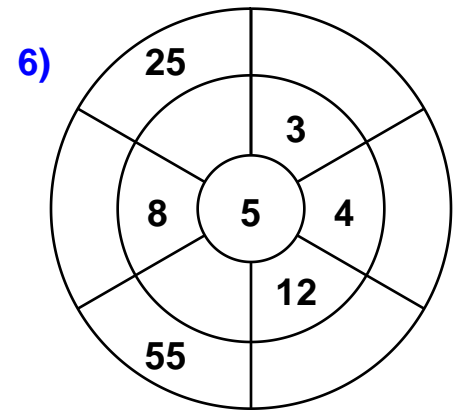
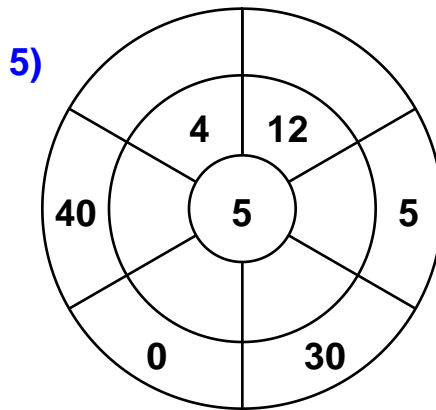
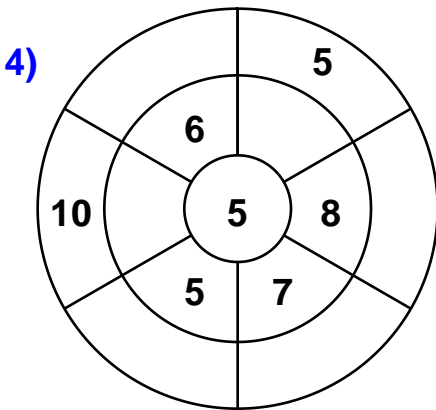
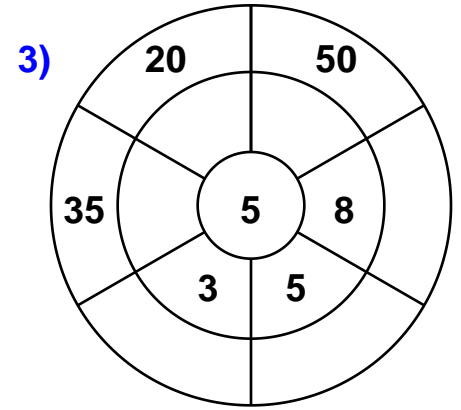
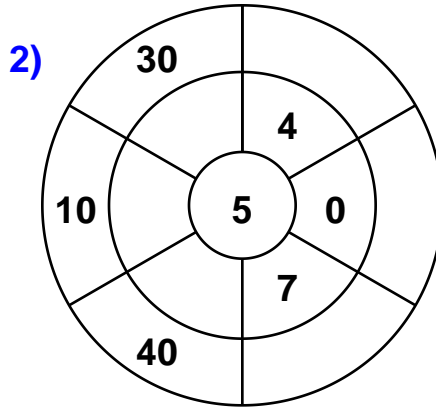
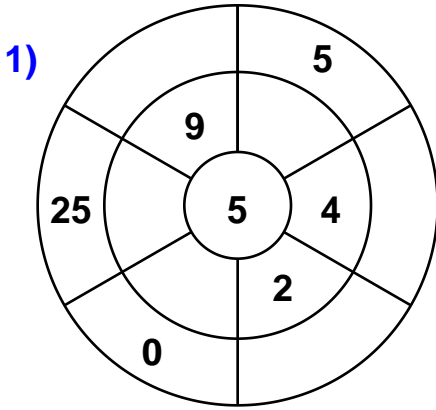
Score : \_\_\_\_\_

Teacher : \_\_\_\_\_

Date : \_\_\_\_\_

### 5 Times Table - Target Circles

Complete the circle by multiplying the number in the center by the middle ring to get the outer numbers.



Name : \_\_\_\_\_

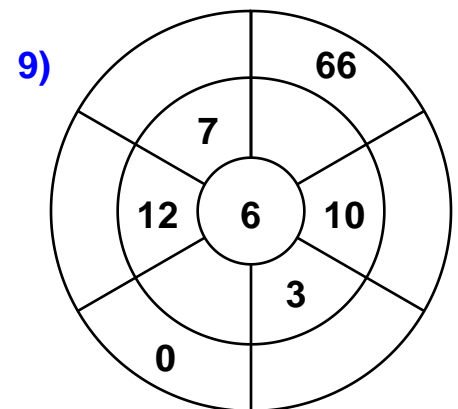
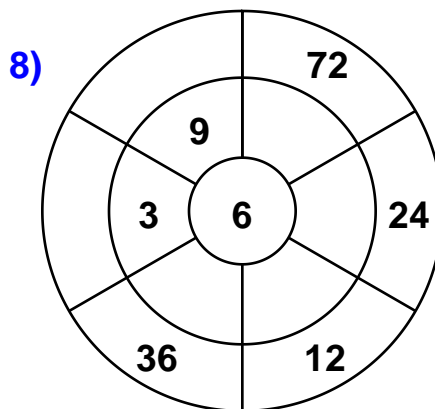
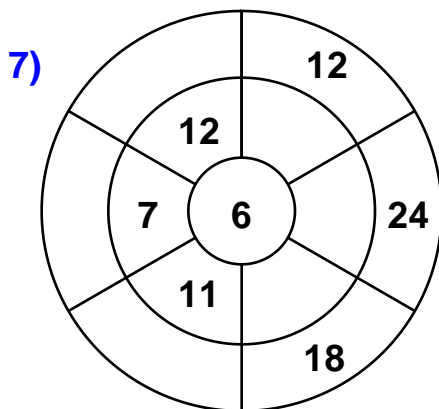
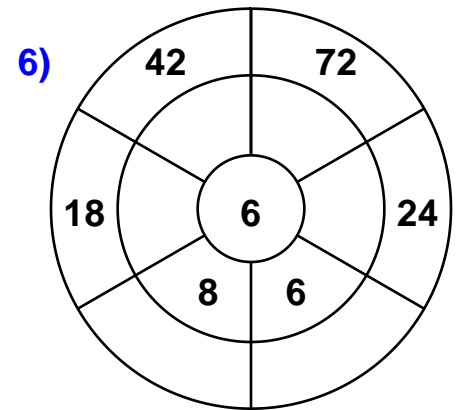
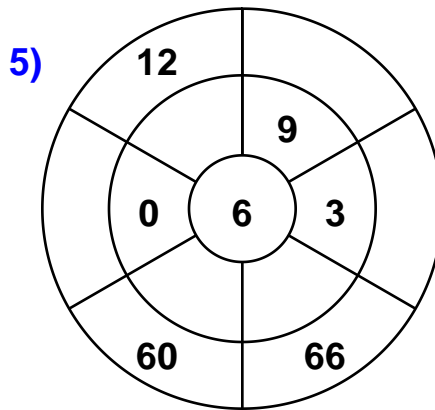
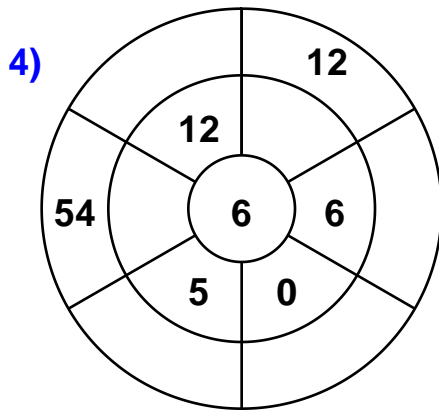
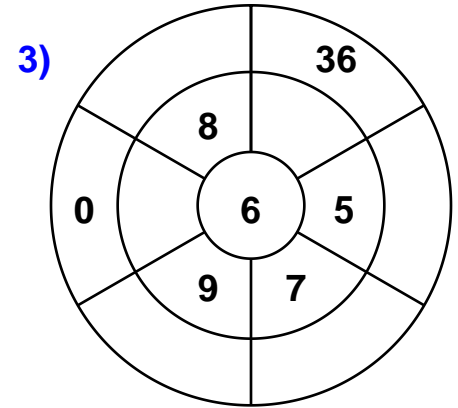
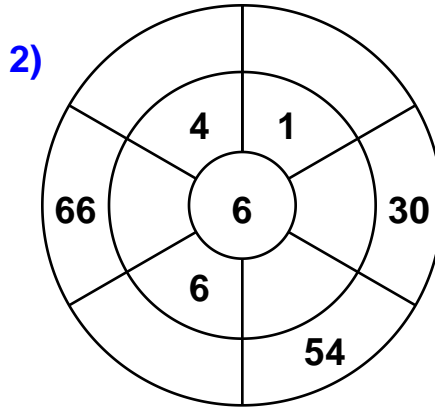
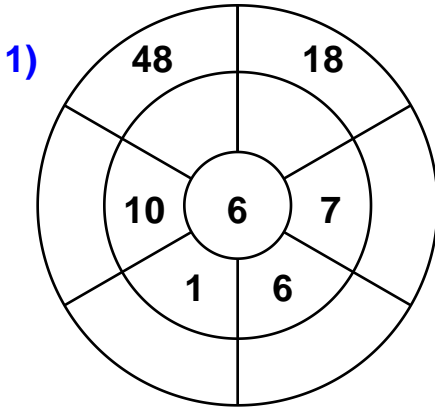
Score : \_\_\_\_\_

Teacher : \_\_\_\_\_

Date : \_\_\_\_\_

### 6 Times Table - Target Circles

Complete the circle by multiplying the number in the center by the middle ring to get the outer numbers.



Name : \_\_\_\_\_

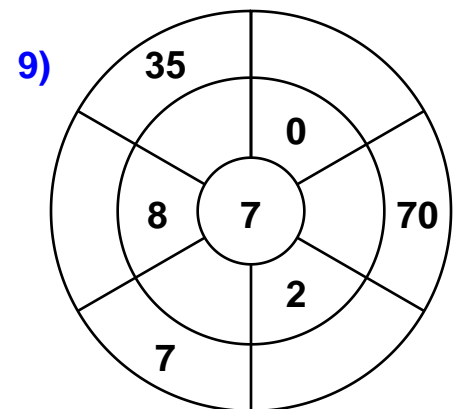
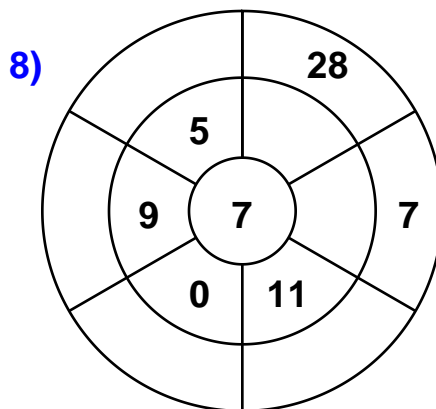
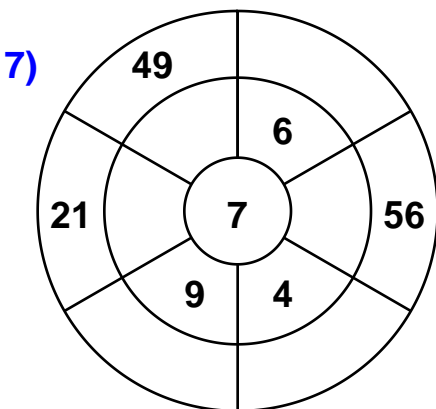
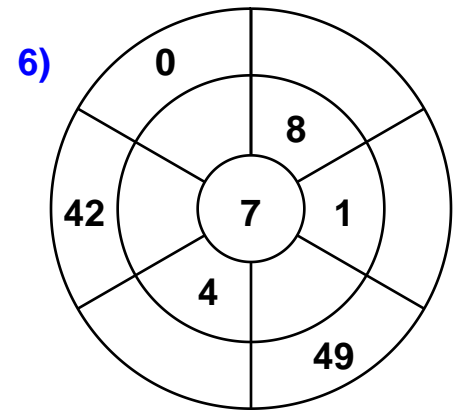
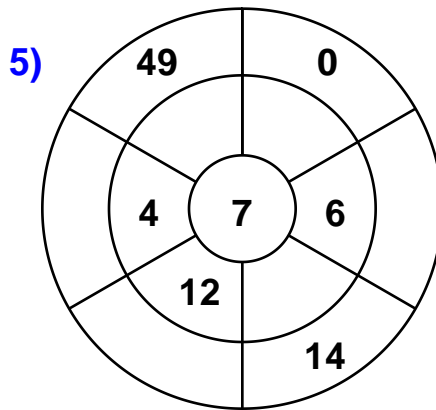
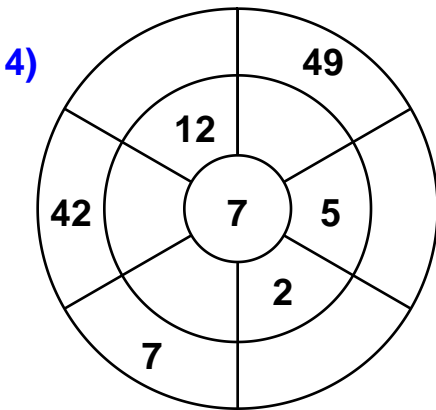
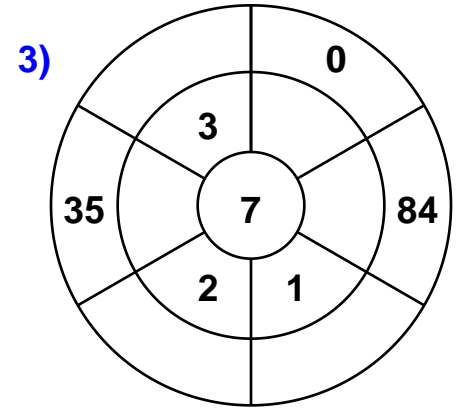
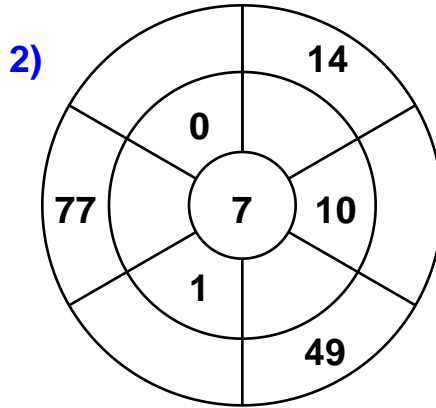
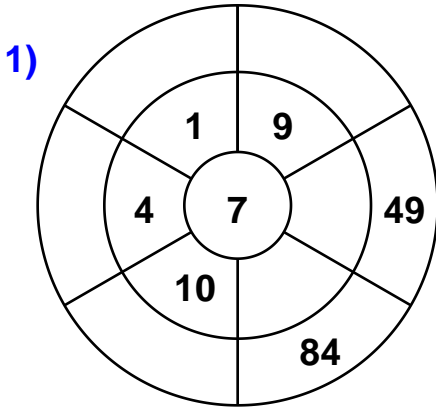
Score : \_\_\_\_\_

Teacher : \_\_\_\_\_

Date : \_\_\_\_\_

### 7 Times Table - Target Circles

Complete the circle by multiplying the number in the center by the middle ring to get the outer numbers.



Name : \_\_\_\_\_

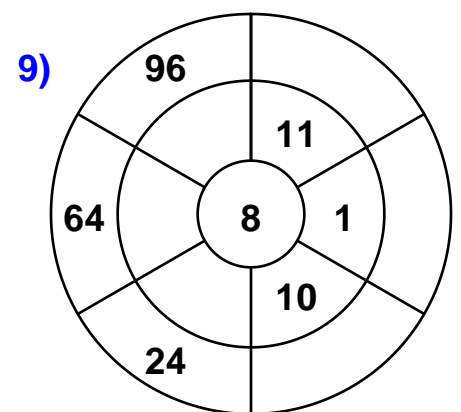
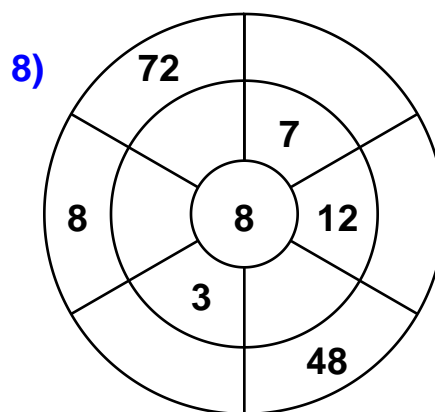
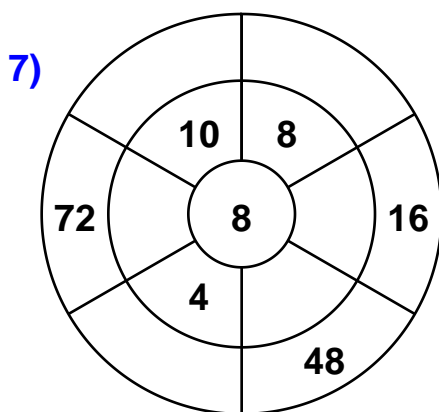
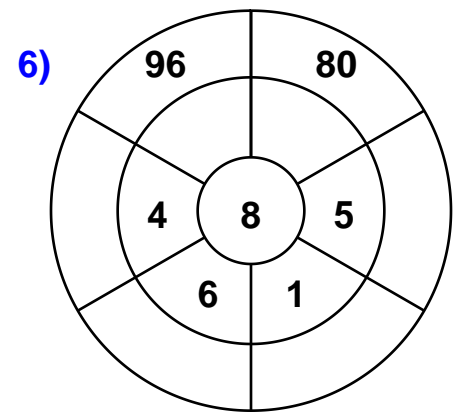
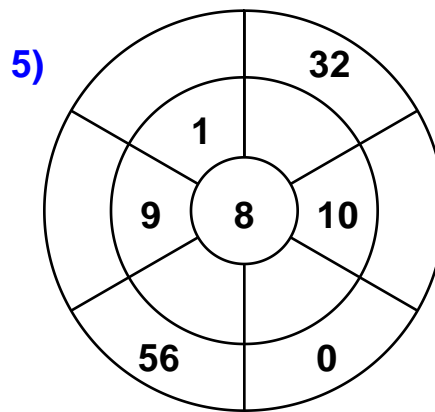
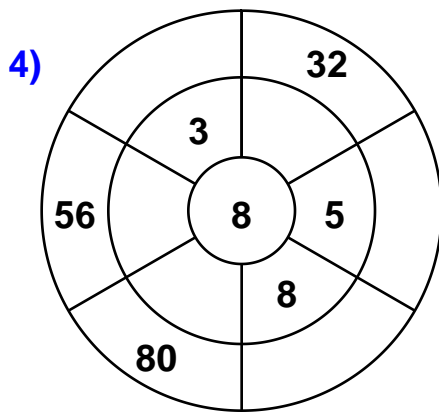
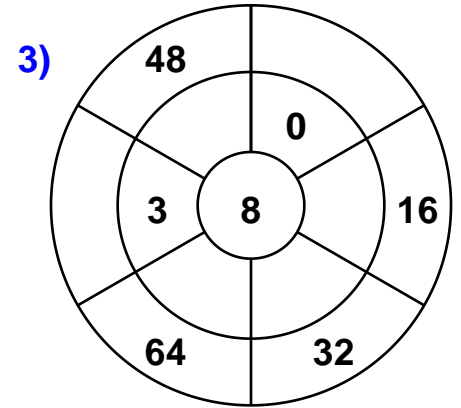
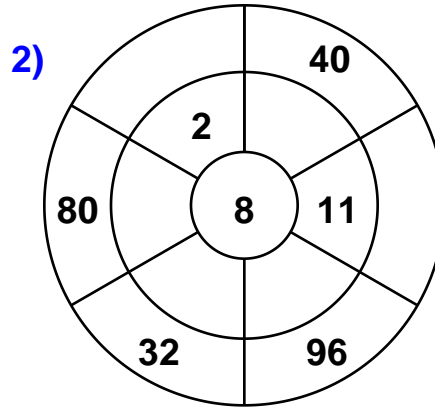
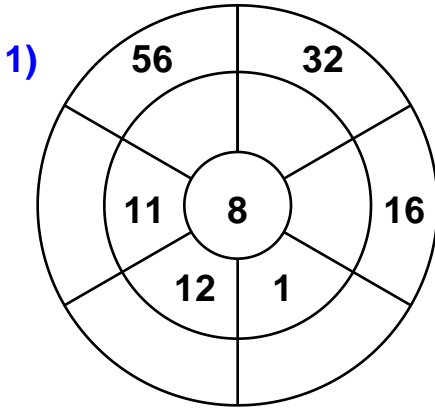
Score : \_\_\_\_\_

Teacher : \_\_\_\_\_

Date : \_\_\_\_\_

## 8 Times Table - Target Circles

Complete the circle by multiplying the number in the center by the middle ring to get the outer numbers.



Name : \_\_\_\_\_

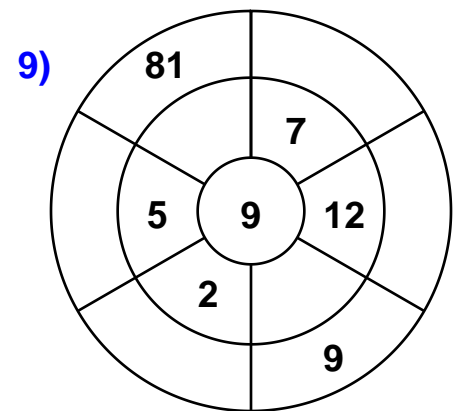
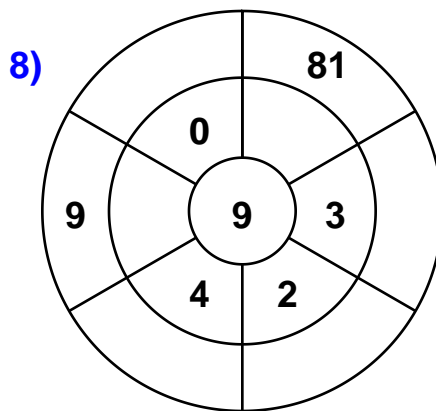
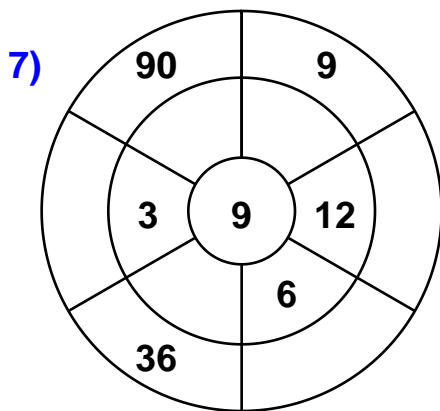
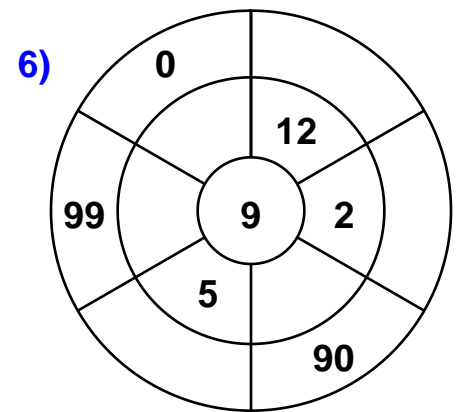
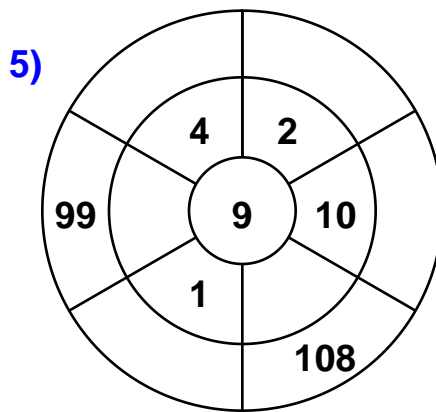
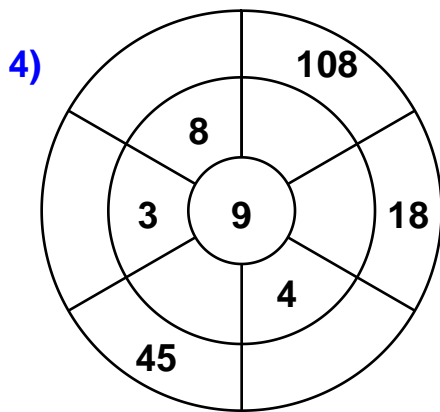
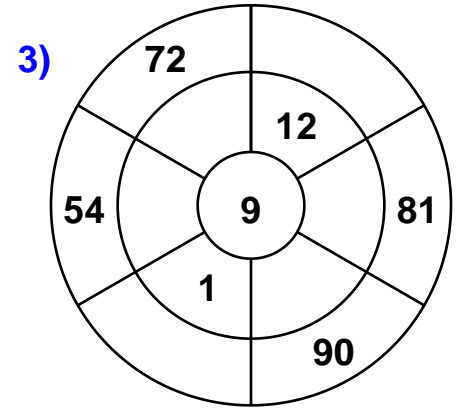
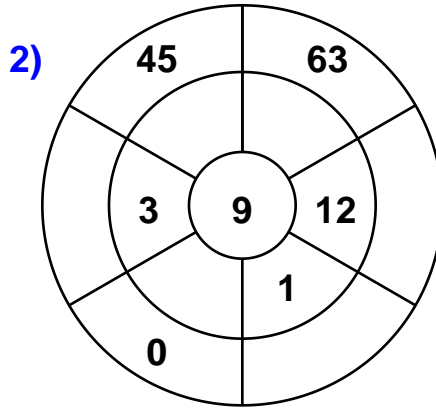
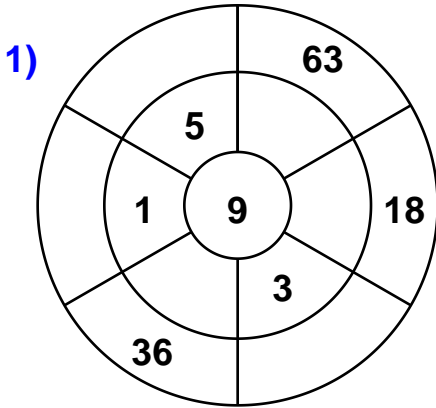
Score : \_\_\_\_\_

Teacher : \_\_\_\_\_

Date : \_\_\_\_\_

### 9 Times Table - Target Circles

Complete the circle by multiplying the number in the center by the middle ring to get the outer numbers.



Name : \_\_\_\_\_

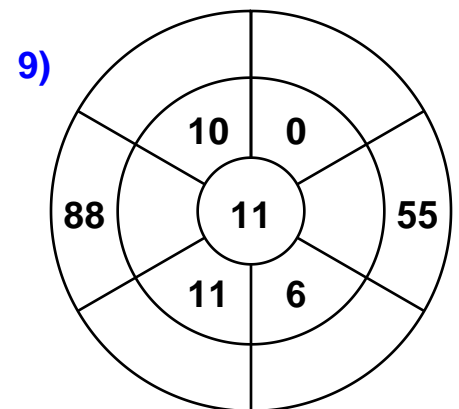
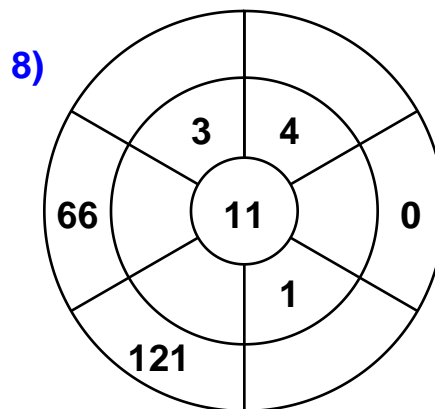
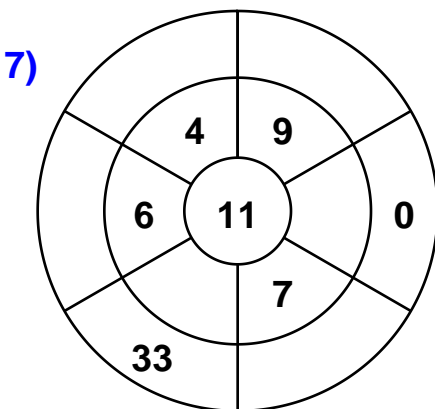
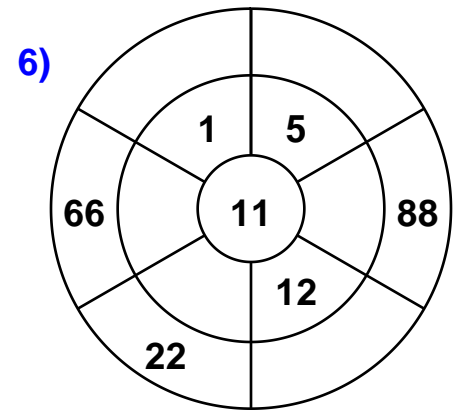
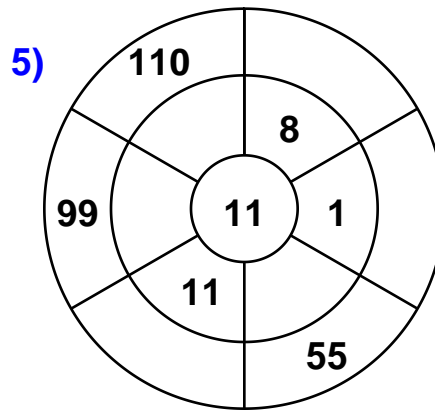
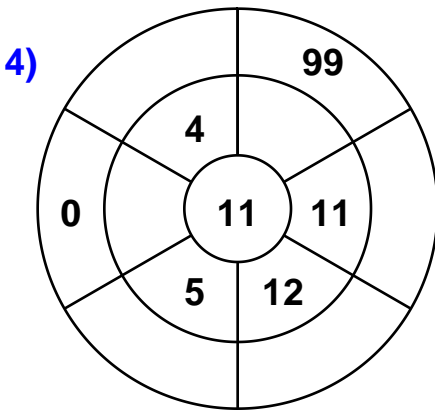
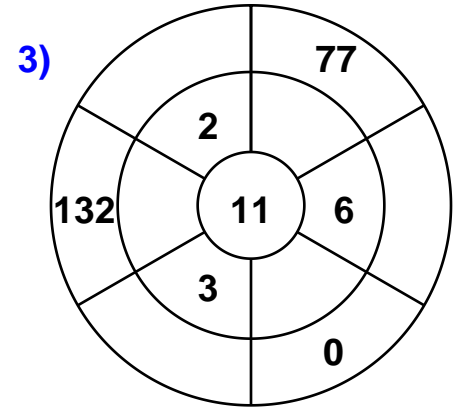
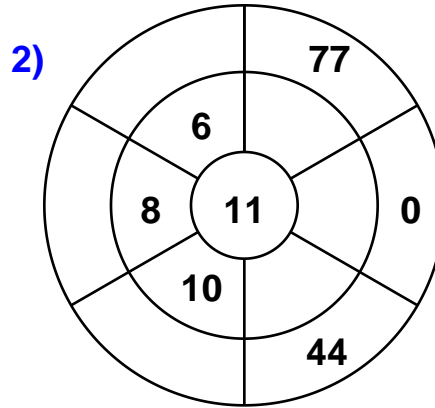
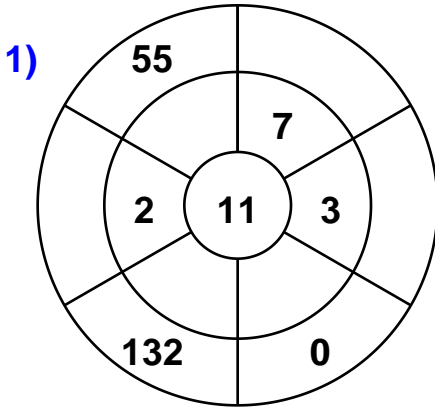
Score : \_\_\_\_\_

Teacher : \_\_\_\_\_

Date : \_\_\_\_\_

## 11 Times Table - Target Circles

Complete the circle by multiplying the number in the center by the middle ring to get the outer numbers.



Name : \_\_\_\_\_

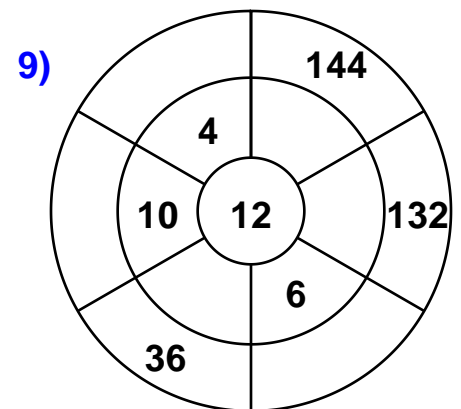
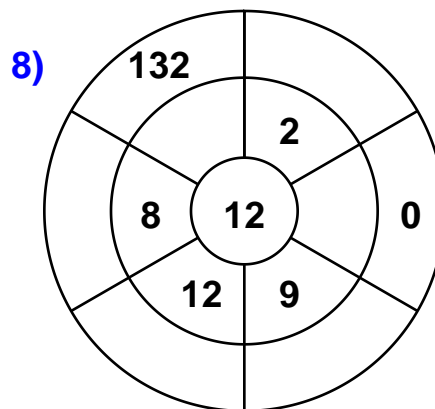
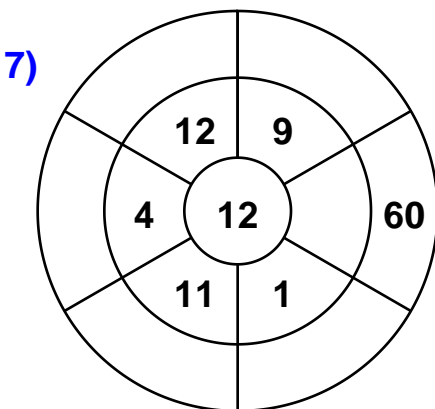
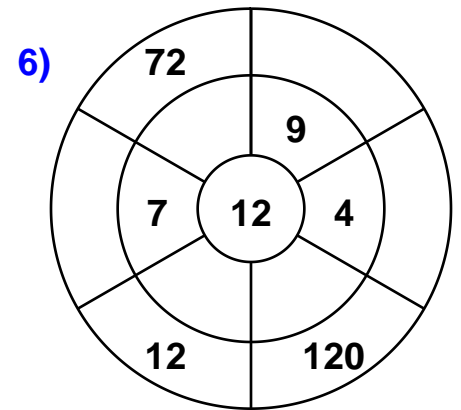
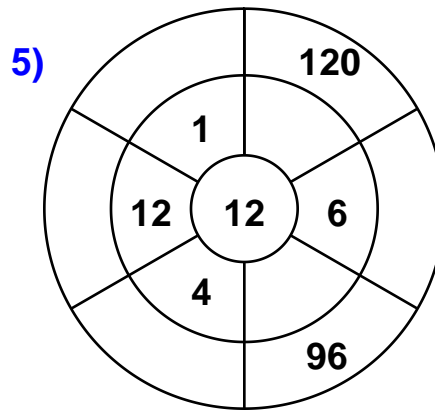
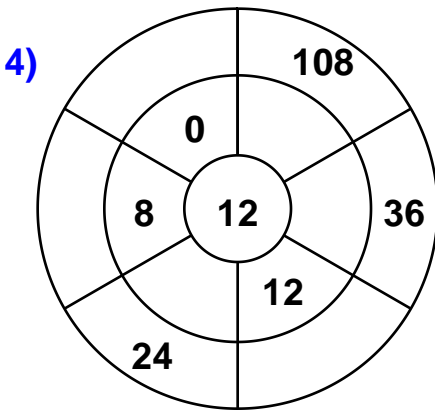
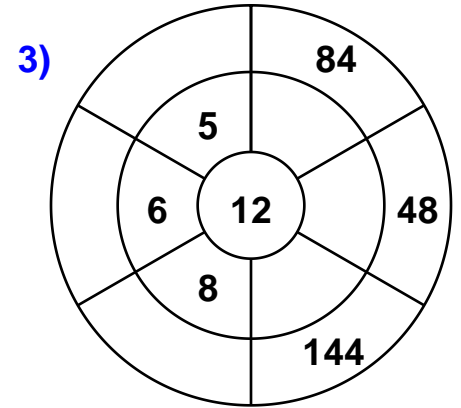
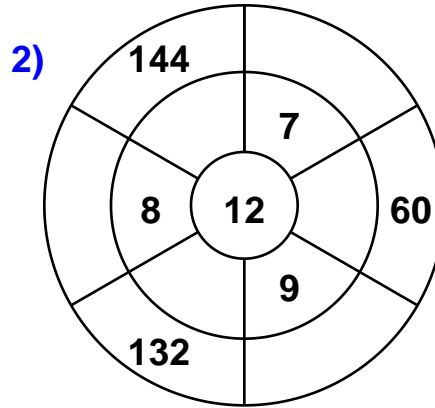
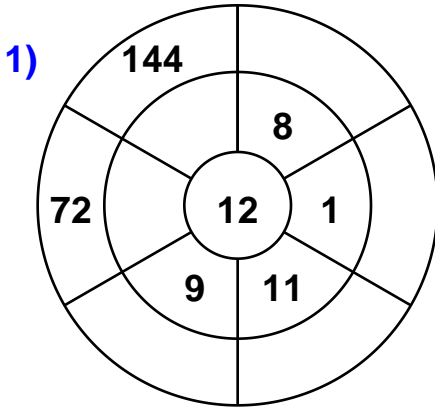
Score : \_\_\_\_\_

Teacher : \_\_\_\_\_

Date : \_\_\_\_\_

## 12 Times Table - Target Circles

Complete the circle by multiplying the number in the center by the middle ring to get the outer numbers.



Name : \_\_\_\_\_

## Adding Mixed Numbers

ES1

1)  $5\frac{2}{7} + 3\frac{1}{7} =$

2)  $8\frac{1}{2} + 7\frac{1}{2} =$

3)  $4\frac{1}{5} + 5\frac{3}{5} =$

4)  $1\frac{7}{9} + 2\frac{1}{9} =$

5)  $2\frac{3}{4} + 6\frac{1}{4} =$

6)  $3\frac{5}{8} + 4\frac{2}{8} =$

7)  $3\frac{1}{10} + 1\frac{8}{10} =$

8)  $2\frac{1}{6} + 5\frac{4}{6} =$

9)  $9\frac{2}{3} + 3\frac{1}{3} =$

10)  $7\frac{4}{11} + 4\frac{3}{11} =$

11)  $8\frac{4}{12} + 5\frac{7}{12} =$

12)  $1\frac{1}{8} + 9\frac{4}{8} =$

13)  $6\frac{1}{3} + 4\frac{1}{3} =$

14)  $5\frac{2}{5} + 2\frac{1}{5} =$

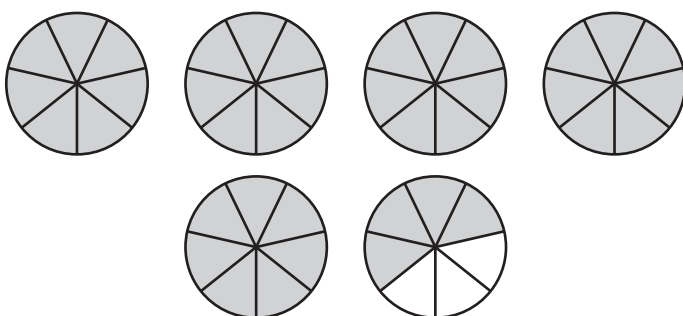
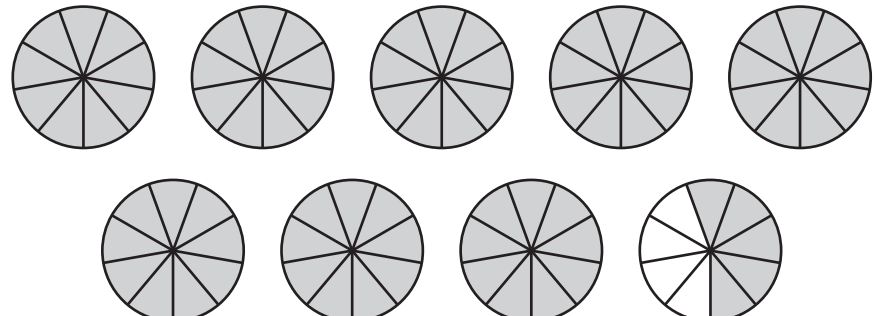
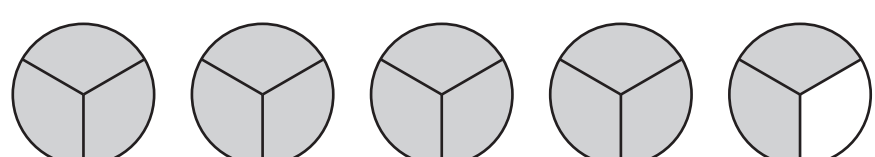
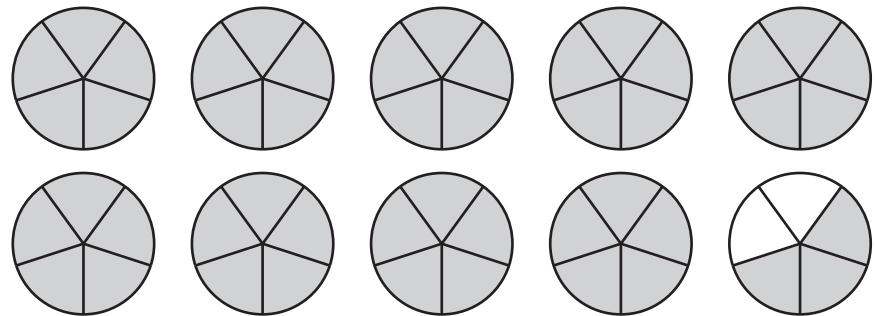
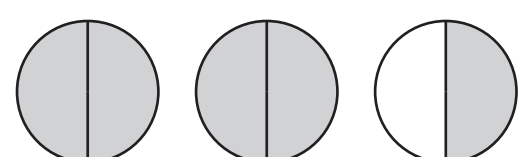


Name : \_\_\_\_\_

# Converting Improper Fractions and Mixed Numbers

Sheet 1

Shade the pies to represent the specified fraction or mixed number, and complete the table.

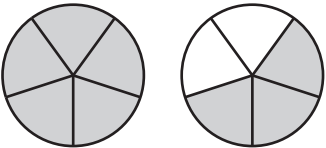
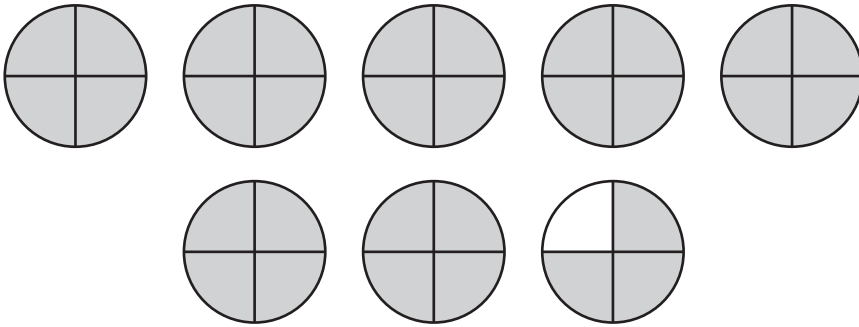
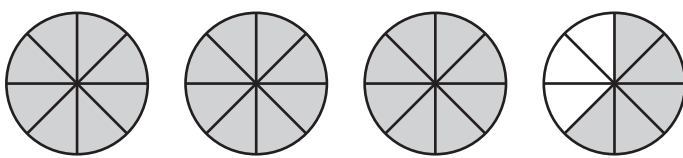
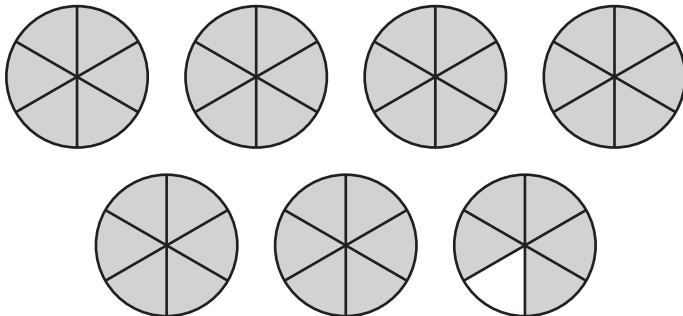
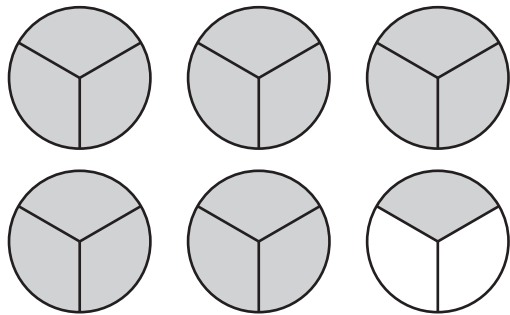
Visual Representation	Improper Fraction	Mixed Number
	$\frac{39}{7}$	
		$8\frac{5}{9}$
	$\frac{14}{3}$	
		$9\frac{3}{5}$
	$\frac{5}{2}$	

Name : \_\_\_\_\_

# Converting Improper Fractions and Mixed Numbers

Sheet 2

Shade the pies to represent the specified fraction or mixed number, and complete the table.

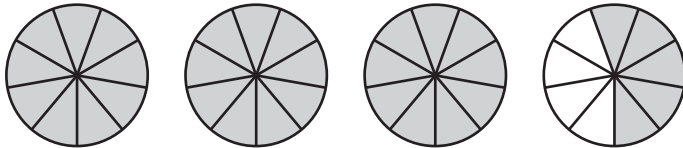
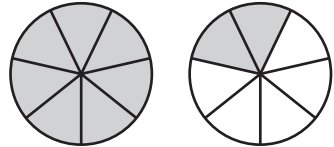
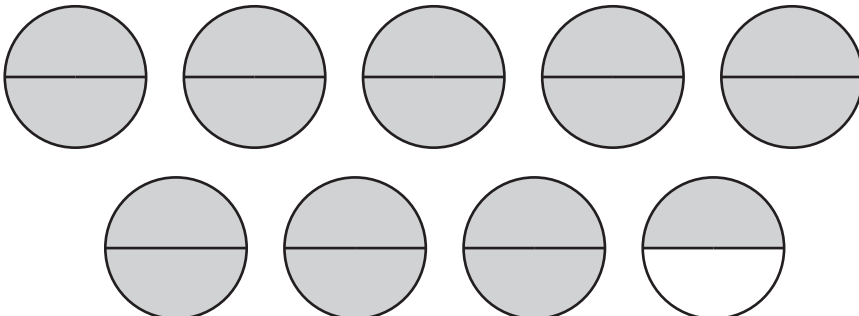
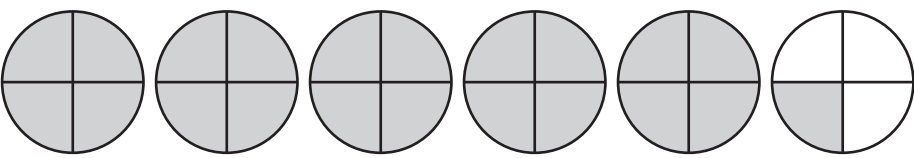
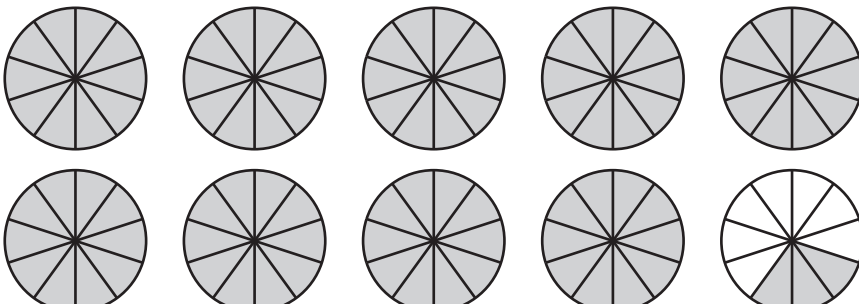
Visual Representation	Improper Fraction	Mixed Number
		$1 \frac{3}{5}$
	$\frac{31}{4}$	
		$3 \frac{5}{8}$
	$\frac{41}{6}$	
		$5 \frac{1}{3}$

Name : \_\_\_\_\_

# Converting Improper Fractions and Mixed Numbers

Sheet 3

Shade the pies to represent the specified fraction or mixed number, and complete the table.

Visual Representation	Improper Fraction	Mixed Number
		$3 \frac{5}{9}$
		$1 \frac{2}{7}$
	$\frac{17}{2}$	
	$\frac{21}{4}$	
		$9 \frac{3}{10}$

Name : \_\_\_\_\_

Score : \_\_\_\_\_

Teacher : \_\_\_\_\_

Date : \_\_\_\_\_

Write the Numbers in Standard Form.

1 ) \_\_\_\_\_  $7,000,000 + 900,000 + 80,000 + 9,000 + 200 + 90 + 1$

2 ) \_\_\_\_\_  $40,000 + 5,000 + 600 + 10 + 7$

3 ) \_\_\_\_\_  $400,000 + 30,000 + 6,000 + 400 + 40 + 4$

4 ) \_\_\_\_\_  $50,000 + 8,000 + 700 + 60 + 5$

5 ) \_\_\_\_\_  $7,000 + 300 + 50 + 9$

6 ) \_\_\_\_\_  $400,000 + 10,000 + 7,000 + 900 + 80 + 1$

7 ) \_\_\_\_\_  $1,000 + 900 + 40 + 3$

8 ) \_\_\_\_\_  $8,000,000 + 500,000 + 50,000 + 9,000 + 200 + 60 + 9$

9 ) \_\_\_\_\_  $6,000,000 + 500,000 + 60,000 + 2,000 + 200 + 60 + 7$

10 ) \_\_\_\_\_  $600,000 + 10,000 + 5,000 + 200 + 40 + 1$

11 ) \_\_\_\_\_  $1,000,000 + 800,000 + 30,000 + 2,000 + 500 + 50 + 7$

12 ) \_\_\_\_\_  $80,000 + 8,000 + 600 + 50 + 6$

13 ) \_\_\_\_\_  $70,000 + 7,000 + 400 + 10 + 5$

14 ) \_\_\_\_\_  $200,000 + 30,000 + 6,000 + 800 + 60 + 1$

15 ) \_\_\_\_\_  $4,000 + 200 + 60 + 0$



**Expanded Form - Millions**

Sheet 1

Write each number in expanded form.

1) 983,546,917      **900,000,000 + 80,000,000 + 3,000,000 + 500,000**  
**+ 40,000 + 6,000 + 900 + 10 + 7**

2) 3,805,492

3) 19,643,000

4) 734,568,291

5) 52,184,653

6) 2,987,035

7) 842,325,541

8) 46,237,810

9) 6,142,917

10) 71,520,379

**Expanded Form - Millions**

Sheet 1

Write each number in expanded form.

1) 983,546,917      **900,000,000 + 80,000,000 + 3,000,000 + 500,000**  
**+ 40,000 + 6,000 + 900 + 10 + 7**

2) 3,805,492      **3,000,000 + 800,000 + 5,000 + 400 + 90 + 2**

3) 19,643,000      **10,000,000 + 9,000,000 + 600,000 + 40,000 + 3,000**

4) 734,568,291      **700,000,000 + 30,000,000 + 4,000,000 + 500,000**  
**+ 60,000 + 8,000 + 200 + 90 + 1**

5) 52,184,653      **50,000,000 + 2,000,000 + 100,000 + 80,000 + 4,000**  
**+ 600 + 50 + 3**

6) 2,987,035      **2,000,000 + 900,000 + 80,000 + 7,000 + 30 + 5**

7) 842,325,541      **800,000,000 + 40,000,000 + 2,000,000 + 300,000**  
**+ 20,000 + 5,000 + 500 + 40 + 1**

8) 46,237,810      **40,000,000 + 6,000,000 + 200,000 + 30,000 + 7,000**  
**+ 800 + 10**

9) 6,142,917      **6,000,000 + 100,000 + 40,000 + 2,000 + 900 + 10 + 7**

10) 71,520,379      **70,000,000 + 1,000,000 + 500,000 + 20,000 + 300 + 70 + 9**

# Multiplying by Positive Powers of Ten (A)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Multiply each number by positive powers of ten.

$8 \times 1 =$

$8 \times 10 =$

$8 \times 100 =$

$8 \times 1000 =$

$8 \times 10,000 =$

$9 \times 1 =$

$9 \times 10 =$

$9 \times 100 =$

$9 \times 1000 =$

$9 \times 10,000 =$

$5 \times 1 =$

$5 \times 10 =$

$5 \times 100 =$

$5 \times 1000 =$

$5 \times 10,000 =$

$1 \times 1 =$

$1 \times 10 =$

$1 \times 100 =$

$1 \times 1000 =$

$1 \times 10,000 =$

$3 \times 1 =$

$3 \times 10 =$

$3 \times 100 =$

$3 \times 1000 =$

$3 \times 10,000 =$

$6 \times 1 =$

$6 \times 10 =$

$6 \times 100 =$

$6 \times 1000 =$

$6 \times 10,000 =$

$7 \times 1 =$

$7 \times 10 =$

$7 \times 100 =$

$7 \times 1000 =$

$7 \times 10,000 =$

$2 \times 1 =$

$2 \times 10 =$

$2 \times 100 =$

$2 \times 1000 =$

$2 \times 10,000 =$

$4 \times 1 =$

$4 \times 10 =$

$4 \times 100 =$

$4 \times 1000 =$

$4 \times 10,000 =$

$10 \times 1 =$

$10 \times 10 =$

$10 \times 100 =$

$10 \times 1000 =$

$10 \times 10,000 =$

Name : \_\_\_\_\_

Score : \_\_\_\_\_

Teacher : \_\_\_\_\_

Date : \_\_\_\_\_

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$$\begin{array}{r} 500 \\ - 466 \\ \hline \end{array}$$

$$\begin{array}{r} 809 \\ - 620 \\ \hline \end{array}$$

$$\begin{array}{r} 900 \\ - 316 \\ \hline \end{array}$$

$$\begin{array}{r} 703 \\ - 422 \\ \hline \end{array}$$

$$\begin{array}{r} 600 \\ - 383 \\ \hline \end{array}$$

$$\begin{array}{r} 809 \\ - 632 \\ \hline \end{array}$$

$$\begin{array}{r} 204 \\ - 184 \\ \hline \end{array}$$

$$\begin{array}{r} 800 \\ - 279 \\ \hline \end{array}$$

$$\begin{array}{r} 800 \\ - 258 \\ \hline \end{array}$$

$$\begin{array}{r} 900 \\ - 697 \\ \hline \end{array}$$

$$\begin{array}{r} 710 \\ - 328 \\ \hline \end{array}$$

$$\begin{array}{r} 620 \\ - 123 \\ \hline \end{array}$$



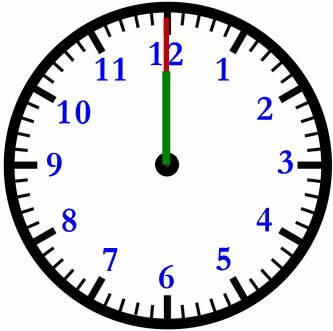


Name : \_\_\_\_\_

Score : \_\_\_\_\_

Teacher : \_\_\_\_\_

Date : \_\_\_\_\_



What time is on the clock?

\_\_\_\_\_

What time will it be in 1 hour and 10 minutes?

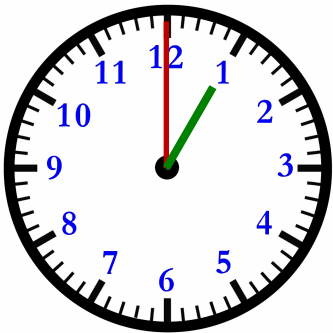
\_\_\_\_\_

What time will it be in 4 hours and 20 minutes?

\_\_\_\_\_

What time will it be in 2 hours and 40 minutes?

\_\_\_\_\_



What time is on the clock?

\_\_\_\_\_

What time will it be in 4 hours and 10 minutes?

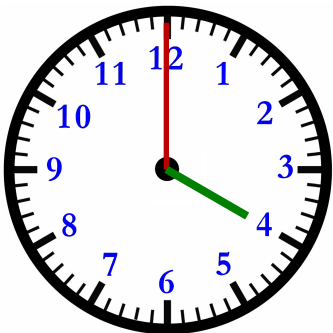
\_\_\_\_\_

What time will it be in 1 hour and 50 minutes?

\_\_\_\_\_

What time will it be in 3 hours and 20 minutes?

\_\_\_\_\_



What time is on the clock?

\_\_\_\_\_

What time will it be in 2 hours and 10 minutes?

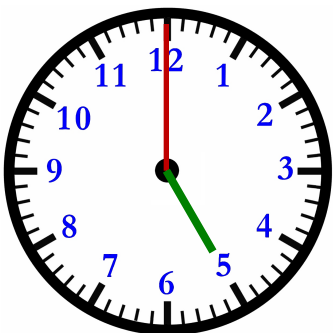
\_\_\_\_\_

What time will it be in 3 hours and 30 minutes?

\_\_\_\_\_

What time will it be in 1 hour and 40 minutes?

\_\_\_\_\_



What time is on the clock?

\_\_\_\_\_

What time will it be in 3 hours and 30 minutes?

\_\_\_\_\_

What time will it be in 1 hour and 10 minutes?

\_\_\_\_\_

What time will it be in 4 hours and 20 minutes?

\_\_\_\_\_

