



**ALL SAINTS  
CATHOLIC SCHOOL**  
*Growing Leaders in Mind, Body, and Spirit*

# **Answer Key**

Going into  
**Seventh Grade**  
Summer Coursework 2022  
*Math Skills*

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

Answer key

5/6

**Decimal Addition**

Mixed: L2S1

Line up the decimals in vertical form and add.

1)  $1.84 + 273.79$

$$\begin{array}{r} 1.84 \\ + 273.79 \\ \hline 275.63 \end{array}$$

2)  $54.631 + 987.205$

$$\begin{array}{r} 54.631 \\ + 987.205 \\ \hline 1041.836 \end{array}$$

3)  $2.967 + 52.8$

$$\begin{array}{r} 2.967 \\ + 52.800 \\ \hline 55.767 \end{array}$$

4)  $30.72 + 9.6$

$$\begin{array}{r} 30.72 \\ + 9.60 \\ \hline 40.32 \end{array}$$

5)  $97.1 + 605.382$

$$\begin{array}{r} 97.100 \\ + 605.382 \\ \hline 702.482 \end{array}$$

6)  $491.52 + 4.07$

$$\begin{array}{r} 491.52 \\ + 4.07 \\ \hline 495.59 \end{array}$$

7)  $89 + 40.35$

$$\begin{array}{r} 89.00 \\ + 40.35 \\ \hline 129.35 \end{array}$$

8)  $761.986 + 25.8$

$$\begin{array}{r} 761.986 \\ + 25.800 \\ \hline 787.786 \end{array}$$

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

## Answer key

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**Decimal Subtraction**

Mixed: L1S1

Line up the decimals in vertical form and subtract.

1)  $3.61 - 0.64$

$$\begin{array}{r} 3.61 \\ - 0.64 \\ \hline 2.97 \end{array}$$

2)  $54.9 - 12.75$

$$\begin{array}{r} 54.90 \\ - 12.75 \\ \hline 42.15 \end{array}$$

3)  $80.13 - 6.7$

$$\begin{array}{r} 80.13 \\ - 6.70 \\ \hline 73.43 \end{array}$$

4)  $910.56 - 13.04$

$$\begin{array}{r} 910.56 \\ - 13.04 \\ \hline 897.52 \end{array}$$

5)  $228.1 - 7.29$

$$\begin{array}{r} 228.10 \\ - 7.29 \\ \hline 220.81 \end{array}$$

6)  $72.2 - 53.6$

$$\begin{array}{r} 72.2 \\ - 53.6 \\ \hline 18.6 \end{array}$$

7)  $195.9 - 3.5$

$$\begin{array}{r} 195.9 \\ - 3.5 \\ \hline 192.4 \end{array}$$

8)  $498.07 - 264.1$

$$\begin{array}{r} 498.07 \\ - 264.10 \\ \hline 233.97 \end{array}$$

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

## Answer Key

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### Adding Like Fractions

All fractions: S1

$$1) \quad \frac{13}{10} + \frac{7}{10} = \frac{20}{10} = 2$$

$$2) \quad \frac{24}{18} + \frac{30}{18} = \frac{54}{18} = 3$$

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

$$4) \quad 6\frac{2}{9} + 6\frac{3}{9} = 12\frac{5}{9}$$

$$5) \quad \frac{2}{13} + \frac{3}{13} = \frac{5}{13}$$

$$6) \quad \frac{3}{2} + 8\frac{1}{2} = 8\frac{4}{2} = 10$$

$$7) \quad 6\frac{4}{7} + 2\frac{3}{7} = 8\frac{7}{7} = 9$$

$$8) \quad \frac{20}{19} + \frac{15}{19} = \frac{35}{19}$$

$$9) \quad \frac{7}{11} + \frac{5}{11} = \frac{12}{11}$$

$$10) \quad \frac{2}{5} + 9\frac{2}{5} = 9\frac{4}{5}$$

$$11) \quad 3\frac{1}{8} + \frac{9}{8} = 3\frac{10}{8} = 4\frac{1}{4}$$

$$12) \quad 2\frac{11}{20} + 4\frac{8}{20} = 6\frac{19}{20}$$

$$13) \quad \frac{19}{16} + \frac{29}{16} = \frac{48}{16} = 3$$

$$14) \quad \frac{1}{4} + \frac{3}{4} = \frac{4}{4} = 1$$

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

## Answer Key

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### Adding Unit Fractions

Proper: S1

1)  $\frac{1}{14} + \frac{1}{14} = \frac{2}{14} = \frac{1}{7}$

2)  $\frac{1}{3} + \frac{1}{7} = \frac{10}{21}$

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

4)  $\frac{1}{15} + \frac{1}{6} = \frac{7}{30}$

5)  $\frac{1}{5} + \frac{1}{11} = \frac{16}{55}$

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

7)  $\frac{1}{10} + \frac{1}{15} = \frac{5}{30} = \frac{1}{6}$

8)  $\frac{1}{16} + \frac{1}{8} = \frac{3}{16}$

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

10)  $\frac{1}{12} + \frac{1}{4} = \frac{4}{12} = \frac{1}{3}$

11)  $\frac{1}{15} + \frac{1}{30} = \frac{3}{30} = \frac{1}{10}$

12)  $\frac{1}{5} + \frac{1}{20} = \frac{5}{20} = \frac{1}{4}$

13)  $\frac{1}{8} + \frac{1}{24} = \frac{4}{24} = \frac{1}{6}$

14)  $\frac{1}{13} + \frac{1}{3} = \frac{16}{39}$

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

# Answer Key

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## Adding Unit Fractions

Mixed numbers: S1

1)  $5\frac{1}{2} + 3\frac{1}{13} =$

$8\frac{15}{26}$

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

$11\frac{2}{4} = 11\frac{1}{2}$

3)  $4\frac{1}{6} + 9\frac{1}{3} =$

$13\frac{3}{6} = 13\frac{1}{2}$

4)  $8\frac{1}{12} + 7\frac{1}{24} =$

$15\frac{3}{24} = 15\frac{1}{8}$

5)  $7\frac{1}{3} + 2\frac{1}{19} =$

$9\frac{22}{57}$

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

$8\frac{9}{20}$

7)  $2\frac{1}{5} + 4\frac{1}{15} =$

$6\frac{4}{15}$

8)  $9\frac{1}{3} + 8\frac{1}{3} =$

$17\frac{2}{3}$

9)  $6\frac{1}{18} + 5\frac{1}{6} =$

$11\frac{4}{18} = 11\frac{2}{9}$

10)  $3\frac{1}{4} + 6\frac{1}{20} =$

$9\frac{6}{20} = 9\frac{3}{10}$

11)  $3\frac{1}{9} + 4\frac{1}{9} =$

$7\frac{2}{9}$

12)  $4\frac{1}{8} + 2\frac{1}{16} =$

$6\frac{3}{16}$

13)  $2\frac{1}{15} + 5\frac{1}{10} =$

$7\frac{5}{30} = 7\frac{1}{6}$

14)  $6\frac{1}{10} + 7\frac{1}{10} =$

$13\frac{2}{10} = 13\frac{1}{5}$

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

## Answer Key

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### Adding Improper Fractions

MS1

1)  $\frac{26}{20} + \frac{44}{20} = \boxed{\frac{70}{20} = \frac{7}{2}}$

2)  $\frac{7}{3} + \frac{9}{3} = \boxed{\frac{16}{3}}$

3)  $\frac{58}{9} + \frac{10}{9} = \boxed{\frac{68}{9}}$

4)  $\frac{52}{16} + \frac{20}{16} = \boxed{\frac{72}{16} = \frac{9}{2}}$

5)  $\frac{73}{4} + \frac{24}{4} = \boxed{\frac{97}{4}}$

6)  $\frac{19}{13} + \frac{30}{13} = \boxed{\frac{49}{13}}$

7)  $\frac{37}{17} + \frac{18}{17} = \boxed{\frac{55}{17}}$

8)  $\frac{41}{8} + \frac{15}{8} = \boxed{\frac{56}{8} = 7}$

9)  $\frac{42}{12} + \frac{42}{12} = \boxed{\frac{84}{12} = 7}$

10)  $\frac{6}{5} + \frac{8}{5} = \boxed{\frac{14}{5}}$

11)  $\frac{14}{2} + \frac{21}{2} = \boxed{\frac{35}{2}}$

12)  $\frac{20}{10} + \frac{30}{10} = \boxed{\frac{50}{10} = 5}$

13)  $\frac{16}{15} + \frac{19}{15} = \boxed{\frac{35}{15} = \frac{7}{3}}$

14)  $\frac{52}{6} + \frac{7}{6} = \boxed{\frac{59}{6}}$

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

## Answer Key

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### Adding Unlike Fractions

All fractions: S1

$$1) \quad 1\frac{2}{5} + 7\frac{6}{20} = 8\frac{14}{20} = 8\frac{7}{10}$$

$$2) \quad \frac{9}{14} + \frac{3}{7} = \frac{15}{14}$$

$$3) \quad \frac{17}{16} + \frac{9}{8} = \frac{35}{16}$$

$$4) \quad 5\frac{5}{6} + \frac{8}{12} = 5\frac{18}{12} = 6\frac{1}{2}$$

$$5) \quad \frac{13}{9} + 4\frac{2}{3} = 4\frac{19}{9} = 6\frac{1}{9}$$

$$6) \quad \frac{4}{6} + \frac{11}{2} = \frac{37}{6}$$

$$7) \quad 2\frac{2}{10} + \frac{1}{2} = 2\frac{7}{10}$$

$$8) \quad \frac{2}{3} + \frac{13}{18} = \frac{25}{18}$$

$$9) \quad 5\frac{6}{9} + 2\frac{2}{6} = 7\frac{18}{18} = 8$$

$$10) \quad \frac{19}{14} + 1\frac{5}{7} = 1\frac{29}{14} = 3\frac{1}{14}$$

$$11) \quad \frac{4}{15} + \frac{17}{10} = \frac{59}{30}$$

$$12) \quad \frac{1}{2} + \frac{9}{18} = \frac{18}{18} = 1$$

$$13) \quad 9\frac{3}{5} + \frac{2}{3} = 9\frac{19}{15} = 10\frac{4}{15}$$

$$14) \quad 1\frac{2}{12} + 1\frac{1}{4} = 2\frac{5}{12}$$

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## Answer Key

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### Subtracting Unit Fractions

Proper: S1

1)  $\frac{1}{4} - \frac{1}{36} = \frac{8}{36} = \frac{2}{9}$

2)  $\frac{1}{3} - \frac{1}{18} = \frac{5}{18}$

3)  $\frac{1}{12} - \frac{1}{16} = \frac{1}{48}$

4)  $\frac{1}{9} - \frac{1}{15} = \frac{2}{45}$

5)  $\frac{1}{15} - \frac{1}{20} = \frac{1}{60}$

6)  $\frac{1}{10} - \frac{1}{14} = \frac{2}{70} = \frac{1}{35}$

7)  $\frac{1}{2} - \frac{1}{13} = \frac{11}{26}$

8)  $\frac{1}{4} - \frac{1}{12} = \frac{2}{12} = \frac{1}{6}$

9)  $\frac{1}{8} - \frac{1}{11} = \frac{3}{88}$

10)  $\frac{1}{5} - \frac{1}{30} = \frac{5}{30} = \frac{1}{6}$

11)  $\frac{1}{3} - \frac{1}{21} = \frac{6}{21} = \frac{2}{7}$

12)  $\frac{1}{16} - \frac{1}{20} = \frac{1}{80}$

13)  $\frac{1}{12} - \frac{1}{18} = \frac{1}{36}$

14)  $\frac{1}{8} - \frac{1}{22} = \frac{7}{88}$

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## Answer Key

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### Subtracting Fractions

Mixed Review: S1

$$1) \quad \frac{6}{7} - \frac{4}{5} = \frac{2}{35}$$

$$2) \quad 5\frac{3}{10} - 3\frac{7}{10} = \frac{16}{10} \text{ or } 1\frac{3}{5}$$

$$3) \quad \frac{4}{14} - \frac{3}{14} = \frac{1}{14}$$

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

$$5) \quad \frac{11}{2} - \frac{7}{2} = \frac{4}{2} \text{ or } 2$$

$$6) \quad 9\frac{4}{7} - \frac{10}{7} = \frac{57}{7} \text{ or } 8\frac{1}{7}$$

$$7) \quad 9\frac{5}{8} - 6\frac{7}{8} = \frac{22}{8} \text{ or } 2\frac{3}{4}$$

$$8) \quad 5\frac{3}{4} - 4\frac{1}{3} = \frac{17}{12} \text{ or } 1\frac{5}{12}$$

$$9) \quad \frac{1}{3} - \frac{1}{7} = \frac{4}{21}$$

$$10) \quad \frac{13}{11} - \frac{10}{11} = \frac{3}{11}$$

$$11) \quad \frac{15}{12} - \frac{13}{12} = \frac{2}{12} \text{ or } \frac{1}{6}$$

$$12) \quad \frac{11}{4} - 2\frac{1}{2} = \frac{1}{4}$$

$$13) \quad 4\frac{3}{4} - \frac{4}{6} = \frac{49}{12} \text{ or } 4\frac{1}{12}$$

$$14) \quad \frac{7}{3} - \frac{6}{9} = \frac{15}{9} \text{ or } 1\frac{2}{3}$$

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## Answer Key

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### Subtracting Proper Fractions

Moderate: S1

1)  $\frac{4}{5} - \frac{2}{4} = \frac{6}{20} - \frac{3}{10}$

2)  $\frac{7}{8} - \frac{8}{10} = \frac{3}{40}$

3)  $\frac{8}{11} - \frac{6}{9} = \frac{6}{99} - \frac{2}{33}$

4)  $\frac{15}{17} - \frac{1}{2} = \frac{13}{34}$

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

6)  $\frac{4}{7} - \frac{1}{3} = \frac{5}{21}$

7)  $\frac{11}{12} - \frac{7}{9} = \frac{5}{36}$

8)  $\frac{8}{10} - \frac{4}{18} = \frac{52}{90} - \frac{26}{45}$

9)  $\frac{6}{8} - \frac{1}{2} = \frac{2}{8} - \frac{1}{4}$

10)  $\frac{12}{15} - \frac{2}{5} = \frac{6}{15} - \frac{2}{5}$

11)  $\frac{10}{14} - \frac{5}{12} = \frac{25}{84}$

12)  $\frac{3}{4} - \frac{7}{16} = \frac{5}{16}$

13)  $\frac{4}{5} - \frac{11}{20} = \frac{5}{20} - \frac{1}{4}$

14)  $\frac{16}{18} - \frac{2}{3} = \frac{4}{18} - \frac{2}{9}$

5/6

**Multiplying Two Fractions**

Find the product.

1)  $\frac{9}{2} \times \frac{2}{3}$

$$\underline{\quad 3 \quad}$$

2)  $\frac{15}{7} \times \frac{6}{12}$

$$\underline{\quad \frac{15}{14} \text{ or } 1\frac{1}{14} \quad}$$

3)  $\frac{8}{14} \times \frac{7}{6}$

$$\underline{\quad \frac{2}{3} \quad}$$

4)  $\frac{1}{5} \times \frac{19}{11}$

$$\underline{\quad \frac{19}{55} \quad}$$

5)  $\frac{5}{18} \times \frac{4}{9}$

$$\underline{\quad \frac{10}{81} \quad}$$

6)  $\frac{11}{6} \times \frac{7}{5}$

$$\underline{\quad \frac{77}{30} \text{ or } 2\frac{17}{30} \quad}$$

7)  $\frac{6}{7} \times \frac{13}{7}$

$$\underline{\quad \frac{78}{49} \text{ or } 1\frac{29}{49} \quad}$$

8)  $\frac{14}{15} \times \frac{3}{20}$

$$\underline{\quad \frac{7}{50} \quad}$$

**Multiplying Two Mixed Numbers**

Find the product.

1)  $3\frac{2}{11} \times 6\frac{3}{5}$

$$\underline{21}$$

2)  $5\frac{2}{4} \times 3\frac{1}{2}$

$$\underline{\frac{77}{4} \text{ or } 19\frac{1}{4}}$$

3)  $6\frac{2}{5} \times 2\frac{5}{8}$

$$\underline{\frac{84}{5} \text{ or } 16\frac{4}{5}}$$

4)  $1\frac{5}{9} \times 2\frac{3}{12}$

$$\underline{\frac{7}{2} \text{ or } 3\frac{1}{2}}$$

5)  $4\frac{4}{5} \times 1\frac{9}{11}$

$$\underline{\frac{96}{11} \text{ or } 8\frac{8}{11}}$$

6)  $3\frac{4}{7} \times 1\frac{2}{5}$

$$\underline{5}$$

7)  $2\frac{6}{8} \times 3\frac{3}{7}$

$$\underline{\frac{66}{7} \text{ or } 9\frac{3}{7}}$$

8)  $2\frac{1}{10} \times 1\frac{2}{7}$

$$\underline{\frac{27}{10} \text{ or } 2\frac{7}{10}}$$

**Multiplying Mixed Numbers and Fractions**

Find the product.

1)  $5\frac{3}{5} \times \frac{7}{4}$

$$\frac{49}{5} \text{ or } 9\frac{4}{5}$$

2)  $\frac{1}{16} \times 1\frac{7}{9}$

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

3)  $\frac{11}{24} \times 2\frac{6}{11}$

$$\frac{7}{6} \text{ or } 1\frac{1}{6}$$

4)  $\frac{9}{7} \times 4\frac{2}{3}$

$$6$$

5)  $2\frac{7}{16} \times \frac{14}{13}$

$$\frac{21}{8} \text{ or } 2\frac{5}{8}$$

6)  $4\frac{4}{5} \times \frac{10}{16}$

$$3$$

7)  $\frac{5}{19} \times 2\frac{8}{15}$

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

8)  $3\frac{3}{13} \times \frac{8}{7}$

$$\frac{48}{13} \text{ or } 3\frac{9}{13}$$

**Dividing Fractions**

Find the quotient.

1)  $\frac{6}{7} \div \frac{2}{7}$

$$\frac{3}{1}$$

2)  $\frac{1}{4} \div \frac{19}{12}$

$$\frac{3}{19}$$

3)  $\frac{2}{5} \div \frac{7}{9}$

$$\frac{18}{35}$$

4)  $\frac{5}{3} \div \frac{3}{8}$

$$\frac{40}{9} \text{ or } 4\frac{4}{9}$$

5)  $\frac{3}{4} \div \frac{9}{8}$

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

6)  $\frac{12}{18} \div \frac{17}{9}$

$$\frac{6}{17}$$

7)  $\frac{11}{10} \div \frac{5}{2}$

$$\frac{11}{25}$$

8)  $\frac{15}{17} \div \frac{5}{3}$

$$\frac{9}{17}$$

**Dividing Mixed Numbers**

Find the quotient.

1)  $6\frac{6}{9} \div 1\frac{5}{7}$

$$\frac{35}{9} \text{ or } 3\frac{8}{9}$$

2)  $5\frac{5}{6} \div 7\frac{1}{6}$

$$\frac{35}{43}$$

3)  $7\frac{4}{5} \div 8\frac{1}{8}$

$$\frac{24}{25}$$

4)  $6\frac{1}{3} \div 1\frac{1}{18}$

$$6$$

5)  $8\frac{3}{10} \div 4\frac{3}{20}$

$$2$$

6)  $9\frac{3}{4} \div 5\frac{2}{5}$

$$\frac{65}{36} \text{ or } 1\frac{29}{36}$$

7)  $3\frac{7}{12} \div 4\frac{1}{2}$

$$\frac{43}{54}$$

8)  $2\frac{6}{14} \div 2\frac{3}{7}$

$$1$$



# ALL SAINTS CATHOLIC SCHOOL

Growing Leaders in Mind, Body, and Spirit

**Circle the numbers**

Sheet 1

Circle the possible values that satisfy each inequality.



$$x > 7$$

2   6   **8**   5

$$x \leq 10$$

**7**   16   **4**   **10**

$$x < 4$$

**3**   **1**   6   9

$$x \geq 13$$

5   **14**   9   **17**

$$3 > x$$

5   6   8   **1**

$$x \leq 8$$

**8**   9   10   **7**

$$17 \geq x$$

20   **9**   **12**   19

$$x < 15$$

**14**   18   16   17

$$x > 2$$

0   **6**   **4**   **5**

$$x \leq 5$$

**5**   7   8   **2**

$$11 > x$$

11   **6**   **10**   **9**

$$x \geq 6$$

5   2   **6**   4

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

Answer key

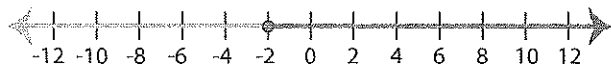
Score : \_\_\_\_\_

# Identifying Inequalities

Sheet 1

Choose the correct solution that best describes each graph.

1)



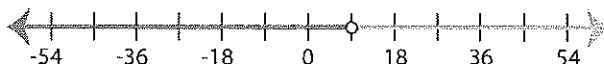
a)  $x < -2$

☒ b)  $x \geq -2$

c)  $x \leq -2$

d)  $x > -2$

2)



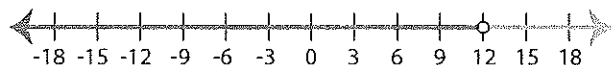
☒ a)  $x < 9$

b)  $x > 9$

c)  $x \geq 9$

d)  $x \leq 9$

3)



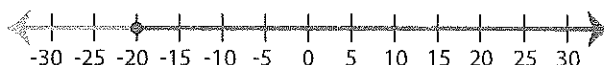
a)  $x \geq 12$

b)  $x \leq 12$

☒ c)  $x < 12$

d)  $x > 12$

4)



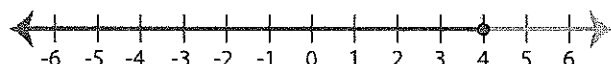
a)  $x < -20$

☒ b)  $x \geq -20$

c)  $x \leq -20$

d)  $x > -20$

5)



☒ a)  $x \leq 4$

b)  $x < 4$

c)  $x \geq 4$

d)  $x > 4$

6)



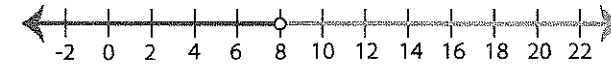
a)  $x < -16$

b)  $x \leq -16$

c)  $x \geq -16$

☒ d)  $x > -16$

7)



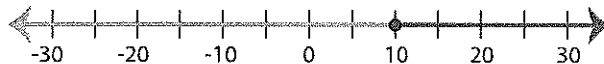
a)  $x > 8$

b)  $x \geq 8$

☒ c)  $x < 8$

d)  $x \leq 8$

8)



a)  $x < 10$

☒ b)  $x \geq 10$

c)  $x \leq 10$

d)  $x > 10$

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

Answer key

Score : \_\_\_\_\_ 6

**Circle the numbers**

Sheet 1

Circle the possible values that satisfy each inequality.



$$2x \geq 8$$

1    3    4    6



$$x - 3 < 9$$

16    5    18    10



$$12 > x + 6$$

2    3    6    5



$$\frac{x}{2} > 9$$

2    20    6    8



$$5x \leq 10$$

5    1    2    4



$$x + 5 > 9$$

2    1    7    9



$$x + 7 \geq 14$$

3    11    5    7



$$\frac{x}{3} < 5$$

17    12    6    16



$$16 > x + 7$$

8    10    15    12



$$5 > \frac{x}{5}$$

20    25    5    15



$$6x \leq 18$$

5    4    3    2



$$20 \geq 2x$$

13    10    9    8

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

## Answer key

Score : \_\_\_\_\_ 6

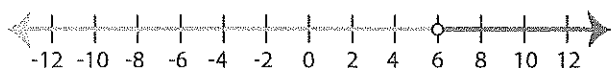
## Solving &amp; Graphing Inequalities

ES1

Solve each inequality and graph the solution.

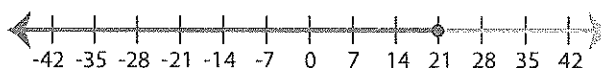
1)  $x - 2 > 4$

$x > 6$



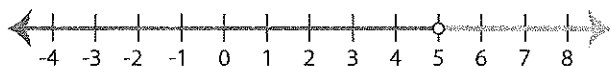
2)  $\frac{x}{3} \leq 7$

$x \leq 21$



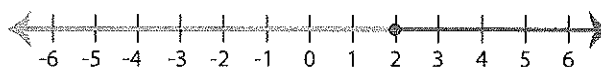
3)  $6x < 30$

$x < 5$



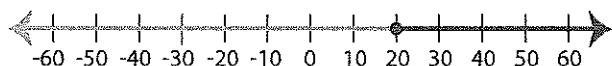
4)  $x + 9 \geq 11$

$x \geq 2$



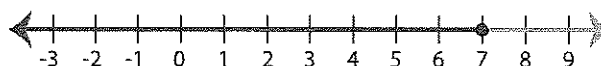
5)  $\frac{x}{2} \geq 10$

$x \geq 20$



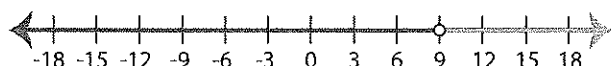
6)  $x - 5 \leq 2$

$x \leq 7$



7)  $7 + x < 16$

$x < 9$



8)  $4x \geq 32$

$x \geq 8$



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

6

## Answer Key

### Translating Phrases: One-Step Equations

Sheet 1

Translate each verbal phrase into an algebraic equation.

- 1) Sum of x and 3 gives 5

$$\underline{x + 3 = 5}$$

- 2) 2 multiplied by b is equal to 8

$$\underline{2b = 8}$$

- 3) Difference between y and 23 is 12

$$\underline{y - 23 = 12}$$

- 4) Product of 4 and z is the same as 16

$$\underline{4z = 16}$$

- 5) Total of m and 3 is 21

$$\underline{m + 3 = 21}$$

- 6) b divides 6 gives 1

$$\underline{\frac{6}{b} = 1}$$

- 7) n minus 2 is equal to 16

$$\underline{n - 2 = 16}$$

- 8) 11 times p is 33

$$\underline{11p = 33}$$

- 9) 20 exceeds c gives 18

$$\underline{20 - c = 18}$$

- 10) One-half of x is equal to 3

$$\underline{\frac{x}{2} = 3}$$

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

6

## Answer Key

### One-Step Equations: Integers

Mixed Operations Level 1: 51

Solve each equation.

1)  $10 = z + 6$

**$z = 4$**

2)  $8y = 48$

**$y = 6$**

3)  $q - 12 = 1$

**$q = 13$**

4)  $18 = \frac{a}{2}$

**$a = 36$**

5)  $\frac{r}{3} = 7$

**$r = 21$**

6)  $11 = m - 4$

**$m = 15$**

7)  $t - 19 = 2$

**$t = 21$**

8)  $1 + s = 3$

**$s = 2$**

9)  $24 = 4c$

**$c = 6$**

10)  $\frac{v}{5} = 9$

**$v = 45$**