

Name : _____

Factors

A) List out all the possible factors of each number.

1) 7

2) 42

3) 50

4) 6

B) Complete the product strategy to find the factors of each number.

1) 36

$$\square \times 36 = 36$$

$$2 \times \square = 36$$

$$\square \times 12 = 36$$

$$4 \times \square = 36$$

$$\square \times 6 = 36$$

2) 28

$$1 \times \square = 28$$

$$2 \times \square = 28$$

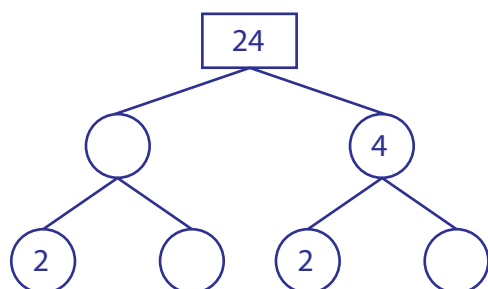
$$\square \times 7 = 28$$

Factors of 36 : _____

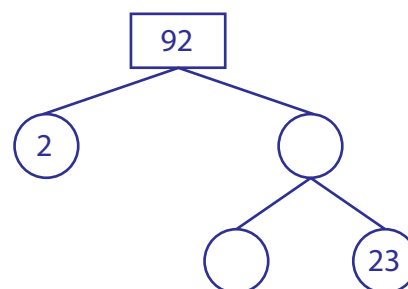
Factors of 28 : _____

C) Complete the prime factor tree for each number.

1)



2)



D) Write each number as a product of its prime factors.

1) 81

2) 55

3) 16

4) 20

Name : _____

Prime or Composite Numbers

A) Write whether each number is prime or composite.

1) 825 _____

2) 19 _____

3) 91 _____

4) 383 _____

B) Circle all the prime numbers.

13 54 37

36 2 10

41 79 72

C) Circle all the composite numbers.

73 80 19

15 67 8

23 32 51

C) List out the factors of each number and write the number is prime or composite.

1) 5
Factors : _____

2) 18
Factors : _____

Is 5 a prime or composite? _____

Is 18 a prime or composite? _____

D) Multiple choice questions

1) Which of the following is an even prime number?

a) 6 b) 2 c) 3 d) 11

2) Which of the following is the smallest composite number?

a) 12 b) 59 c) 8 d) 43

3) Which of the following number has more than two factors?

a) 59 b) 23 c) 67 d) 49

4) Which of the following is the greatest prime number?

a) 31 b) 69 c) 74 d) 23

5) Which of the following is not a composite number?

a) 66 b) 83 c) 15 d) 38

Name : _____

Customary Unit Conversion

Convert

1) 24 yards = _____ feet

2) 11 fluid ounces = _____ tablespoons

3) 9 tons = _____ pounds

4) 5 feet = _____ inches

5) 17 gallons = _____ pints

6) 32 tablespoons = _____ teaspoons

7) 10 quarts = _____ cups

8) 13 miles = _____ yards

9) 4 fluid ounces = _____ teaspoons

10) 32 gallons = _____ cups

11) 9 miles = _____ feet

12) 61 pounds = _____ ounces

13) 33 pints = _____ cups

14) 7 cups = _____ fluid ounces

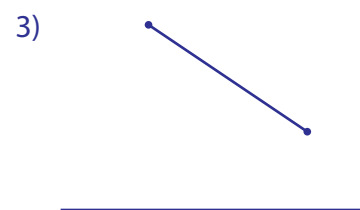
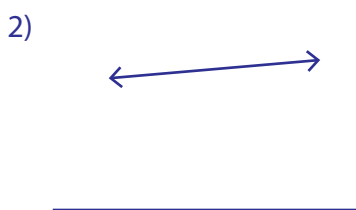
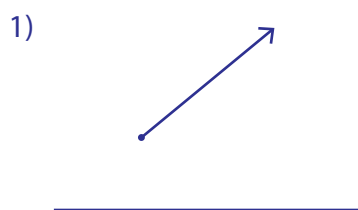
15) 2 yards = _____ inches

16) 19 gallons = _____ quarts

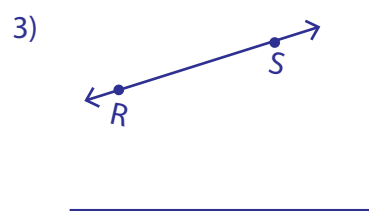
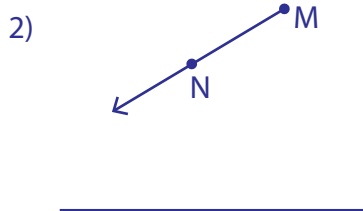
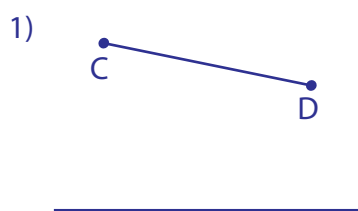
Name : _____

Lines, Rays & Line segments

A) Write each as a line, ray or line segment.



B) Name each line, ray or line segment.



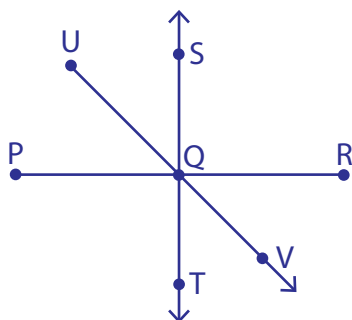
C) Draw and label each of the following.

1) \overrightarrow{QR}

2) \overleftrightarrow{BC}

3) \overleftrightarrow{YZ}

D) Read the figure and answer the questions.



1) Name all the points that lie on the \overleftrightarrow{ST} . _____

2) Name the line that contains the point Q. _____

3) Name the opposite rays. _____

4) Name the end point of \overrightarrow{QT} . _____

Name : _____

Answer key

Factors

A) List out all the possible factors of each number.

1) 7

1, 7

2) 42

1, 2, 3, 6, 7, 14, 21, 42

3) 50

1, 2, 5, 10, 25, 50

4) 6

1, 2, 3, 6

B) Complete the product strategy to find the factors of each number.

1) 36

$$\boxed{1} \times 36 = 36$$

$$2 \times \boxed{18} = 36$$

$$\boxed{3} \times 12 = 36$$

$$4 \times \boxed{9} = 36$$

$$\boxed{6} \times 6 = 36$$

2) 28

$$1 \times \boxed{28} = 28$$

$$2 \times \boxed{14} = 28$$

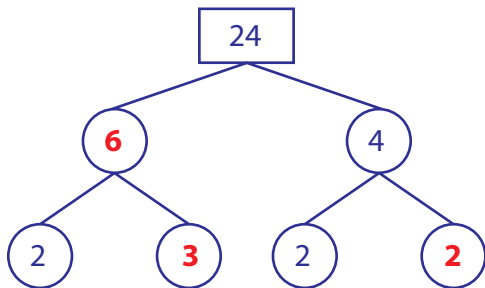
$$\boxed{4} \times 7 = 28$$

Factors of 36 : 1, 2, 3, 4, 6, 9, 12, 18, 36

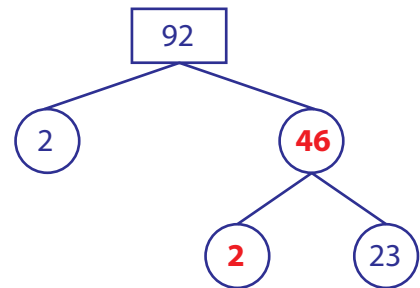
Factors of 28 : 1, 2, 4, 7, 14, 28

C) Complete the prime factor tree for each number.

1)



2)



D) Write each number as a product of its prime factors.

1) 81

$81 = 3 \times 3 \times 3 \times 3$

2) 55

$55 = 5 \times 11$

3) 16

$16 = 2 \times 2 \times 2 \times 2$

4) 20

$20 = 2 \times 2 \times 5$

Name : _____

Answer key

Prime or Composite Numbers

A) Write whether each number is prime or composite.

1) 825 composite

2) 19 prime

3) 91 composite

4) 383 prime

B) Circle all the prime numbers.

13

54

37

36

2

10

41

79

72

C) Circle all the composite numbers.

73

80

19

15

67

8

23

32

51

C) List out the factors of each number and write the number is prime or composite.

1) 5
Factors : 1, 5

2) 18
Factors : 1, 2, 3, 6, 9, 18

Is 5 a prime or composite? prime

Is 18 a prime or composite? composite

D) Multiple choice questions

1) Which of the following is an even prime number?

a) 6

b) 2

c) 3

d) 11

2) Which of the following is the smallest composite number?

a) 12

b) 59

c) 8

d) 43

3) Which of the following number has more than two factors?

a) 59

b) 23

c) 67

d) 49

4) Which of the following is the greatest prime number?

a) 31

b) 69

c) 74

d) 23

5) Which of the following is not a composite number?

a) 66

b) 83

c) 15

d) 38

Name : _____

Answer key

Customary Unit Conversion

Convert

1) 24 yards = 72 feet

2) 11 fluid ounces = 22 tablespoons

3) 9 tons = 18000 pounds

4) 5 feet = 60 inches

5) 17 gallons = 136 pints

6) 32 tablespoons = 96 teaspoons

7) 10 quarts = 40 cups

8) 13 miles = 22880 yards

9) 4 fluid ounces = 24 teaspoons

10) 32 gallons = 512 cups

11) 9 miles = 47520 feet

12) 61 pounds = 976 ounces

13) 33 pints = 66 cups

14) 7 cups = 56 fluid ounces

15) 2 yards = 72 inches

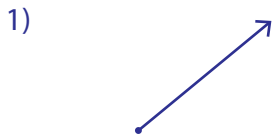
16) 19 gallons = 76 quarts

Name : _____

Answer key

Lines, Rays & Line segments

A) Write each as a line, ray or line segment.



ray



line

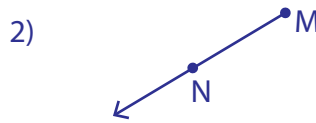


line segment

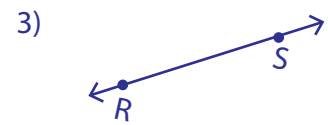
B) Name each line, ray or line segment.



\overline{CD}



\overrightarrow{MN}



\overleftrightarrow{RS}

C) Draw and label each of the following.

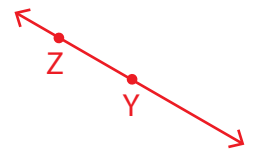
1) \overrightarrow{QR}



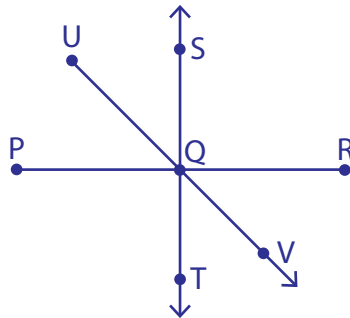
2) \overline{BC}



3) \overleftrightarrow{YZ}



D) Read the figure and answer the questions.



1) Name all the points that lie on the \overleftrightarrow{ST} .

Points Q, S and T

2) Name the line that contains the point Q.

\overleftrightarrow{ST}

3) Name the opposite rays.

\overrightarrow{QS} and \overrightarrow{QT}

4) Name the end point of \overrightarrow{QT} .

Point Q