

6.NS.2

1. Find the quotient.

$$2,520 \div 36$$

- A. 7
- B. 70
- C. 170
- D. 210

6.NS.3

2. Deborah bought two bottles of conditioner at the hair salon. One bottle contained 0.355 liter (L) and the other contained 0.877 L. How many liters of conditioner did she buy in all?

- A. 1.122 L
- B. 1.232 L
- C. 9.225 L
- D. 12.32 L

6.NS.1

4. Find the quotient.

$$\frac{1}{20} \div \frac{4}{5}$$

- A. $\frac{1}{25}$
- B. $\frac{1}{20}$
- C. $\frac{1}{16}$
- D. 25

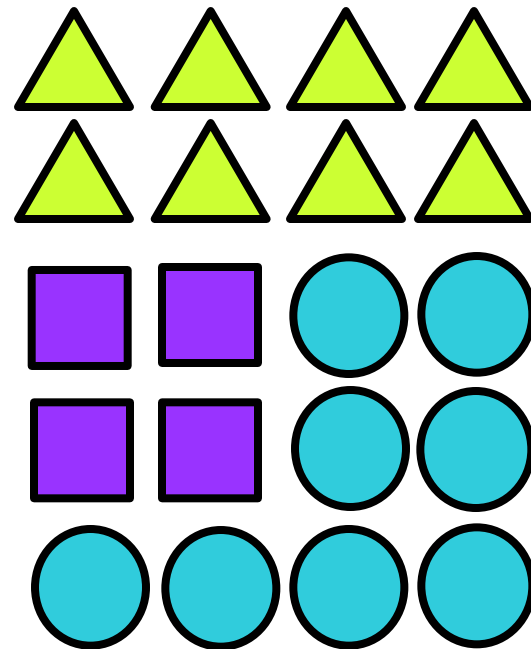
6.NS.4

5. Which set lists all the factors of 30?

- A. {1, 2, 3, 5, 10, 15, 30}
- B. {1, 2, 3, 10, 15, 30}
- C. {1, 2, 3, 5, 6, 10, 30}
- D. {1, 2, 3, 5, 6, 10, 15, 30}

6.RP.1

3. What is the ratio of circles to squares?



- A. 8: 8
- B. 4: 8
- C. 8: 20
- D. 8: 4

6.NS.2

1. Solve.

$$6,854 \div 17$$

- A. 40 R3
- B. 403
- C. 403 R3
- D. 430

6.NS.3

2. Mr. Bagley has a dog that can run 37.35 miles per hour. He also has a horse that can run 47.5 miles per hour. How much faster can the horse run than the dog?

- A. 9.2 miles per hour
- B. 10.15 miles per hour
- C. 11.45 miles per hour
- D. 11.85 miles per hour

6.RP.1

3. What is the ratio of stars to hearts?



- A. 2:3
- B. 2:5
- C. 3:2
- D. 3:5

6.NS.1

4. Which shows how you can check that

$$\frac{5}{8} \div \frac{2}{3} = \frac{15}{16} ?$$

- A. $\frac{15}{16} \div \frac{5}{8} = \frac{2}{8}$
- B. $\frac{3}{2} \times \frac{15}{16} = \frac{5}{8}$
- C. $\frac{15}{16} \times \frac{2}{3} = \frac{5}{8}$

6.NS.4

5. Which set lists all the factors of 24?

- A. {1, 2, 3, 4, 12, 24}
- B. {1, 2, 3, 4, 6, 8, 12, 24}
- C. {1, 2, 4, 6, 12, 24}
- D. {1, 2, 3, 8, 12, 24}

6.NS.2

1. What is quotient?

$$11,362 \div 46$$

- A. 247
- B. 248
- C. 252
- D. 253

6.NS.1

4. Joe is making a recipe that calls for $\frac{3}{4}$ teaspoon of cinnamon. His only measuring spoon holds $\frac{1}{8}$ teaspoon. How many times will he need to fill it to get enough cinnamon?

- A. 3
- B. 6
- C. 12
- D. $\frac{3}{32}$

6.NS.3

2. Mr. Bartley had \$5,675.68 in his savings account. He then deposited \$2,168.79 more in his account. How much is in his savings account now?

- A. \$7,844.47
- B. \$7,843.37
- C. \$7,734.47
- D. \$7,733.37

6.NS.4

5. Which set lists the first five multiples of 4?

- A. {4, 8, 12, 15, 20}
- B. {4, 8, 12, 16, 21}
- C. {4, 8, 12, 17, 21}
- D. {4, 8, 12, 16, 20}

6.RP.1

3. What is the ratio of all figures to stars?



- A. 10 to 4
- B. 6 to 10
- C. 3 to 5
- D. 10 to 6

6.NS.2

1. Solve.

$$72,450 \div 25$$

- A. 2,888
- B. 2,892
- C. 2,898
- D. 2,902

6.NS.3

2. A marathon is a race with a distance of 26.2 miles (mi). Lauren is competing in a marathon and has run 10.75 miles so far. How many more miles does she need to run to complete the marathon?

- A. 8.13 miles
- B. 15.27 miles
- C. 15.45 miles
- D. 15.55 miles

6.RP.1

3. Which ratio compares the number of daffodil bulbs to the number of tulip bulbs?

Type of Flower	Number of Bulbs
Daffodils	8
Hyacinths	10
Tulips	12

- A. 8:22
- B. 8:30
- C. 12:8
- D. 8:12

6.NS.1

4. Find the quotient.

$$\frac{3}{4} \div \frac{1}{12}$$

- A. 16
- B. $\frac{1}{9}$
- C. 9
- D. $\frac{1}{16}$

6.NS.4

5. Which set lists the first five multiples of 6?

- A. {6, 12, 18, 24, 30}
- B. {6, 12, 18, 25, 30}
- C. {6, 12, 16, 24, 30}
- D. {1, 2, 3, 6}

6.NS.2

1. Mr. and Mrs. Anderson flew from New York to Tokyo, which is a distance of 6,375 miles. If it took the plane 15 hours to fly from New York to Tokyo, what was the plane's average speed per hour?

- A. 415 miles per hour
- B. 425 miles per hour
- C. 435 miles per hour
- D. 475 miles per hour

6.NS.1

4. What is the reciprocal of 4?

- A. -4
- B. 0
- C. |4|
- D. $\frac{1}{4}$

6.NS.3

2. A blue piece of string is 2.355 meters. A red piece of string is 3.8 meters. How much longer is the red piece of string than the blue?

- A. 1.975 meters
- B. 1.445 meters
- C. 0.725 meter
- D. 0.653 meter

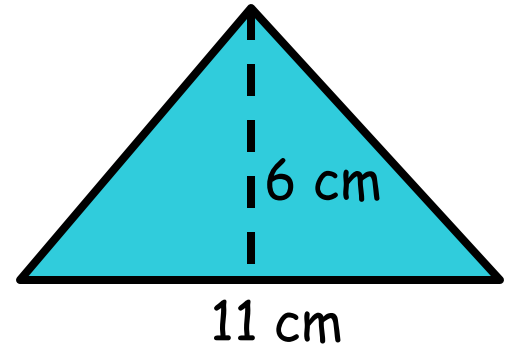
6.RP.1

5. Which is not another way to express the ratio 60 to 25?

- A. $\frac{12}{5}$
- B. 12:5
- C. 12 to 5
- D. $2\frac{2}{5}$

6.G.1

3. What is the area of this triangle?



Hint {Area = $\frac{b \cdot h}{2}$ }

- A. 16.5 cm^2
- B. 17 cm^2
- C. 33 cm^2
- D. 66 cm^2