

6.NS.4

1. Which set of numbers lists the first five multiples of 7?

- A. {7, 14, 20, 27, 32}
- B. {1, 7}
- C. {7, 14, 21, 28, 35}
- D. {7, 14, 21, 27, 35}

6.RP.2

4. Landon is driving at a constant speed of 55 miles per hour. At that rate, how long will it take him to drive 275 miles?

- A. 4 hours B. 5 hours
- C. 6 hours D. 7 hours

6.NS.3

2. Divide:

$$50.28 \div 2$$

- A. 4.19
- B. 4.21
- C. 41.9
- D. 42.1

6.NS.1

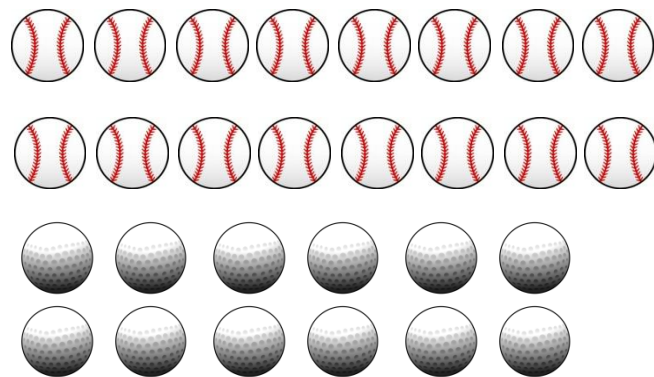
5. Convert and then divide.

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

- A. 14
- B. 7
- C. 4
- D. 3

6.RP.1

3. Paul has 16 baseballs and 12 golf balls. What is the simplified ratio of baseballs to golf balls?



- A. $\frac{4}{7}$
- B. $\frac{3}{4}$
- C. $\frac{4}{3}$
- D. $\frac{7}{4}$

6.NS.4

1. What is the least common multiple (LCM) of 2 and 6?

- A. 1
- B. 5
- C. 7
- D. 25

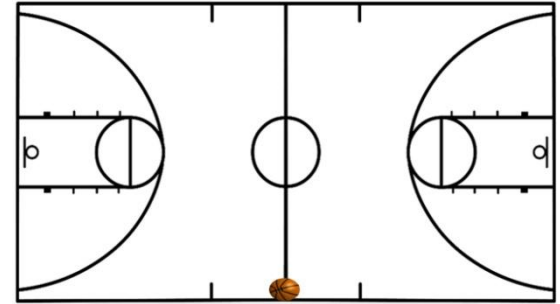
6.NS.3

2. Maxim raised \$890.88 for charity. He divided the amount equally among his sixteen favorite charities. How much did each charity receive?

- A. \$41.61
- B. \$54.16
- C. \$55.18
- D. \$55.68

6.G.1

3. A middle school basketball court is 74 feet long and 42 feet wide.



What is the area of the basketball court?

- A. 232 ft^2
- B. $2,808 \text{ ft}^2$
- C. $3,018 \text{ ft}^2$
- D. $3,108 \text{ ft}^2$

6.NS.2

4. What is the quotient of:

$$1,311 \div 57$$

- A. 26
- B. 25
- C. 23
- D. 20

6.RP.2

5. Callie's family spends an average of \$70 per month on electricity. At that rate, what can Callie's family expect to pay for electricity over 1 year?

- A. \$70
- B. \$480
- C. \$700
- D. \$840

6.NS.4

1. What is the least common multiple (LCM) of 6 and 10?

- A. 12
- B. 20
- C. 30
- D. 60

6.RP.2

4. Which of the following does not have a unit rate of \$16 for one pair of pants?

- A. \$32 for 2 pair of pants
- B. \$48 for 3 pair of pants
- C. \$64 for 4 pair of pant
- D. \$90 for 5 pair of pant

6.NS.3

2. What is the quotient when 2.375 is divided by 0.05?

- A. 4.75
- B. 5.55
- C. 44.35
- D. 47.5

6.NS.1

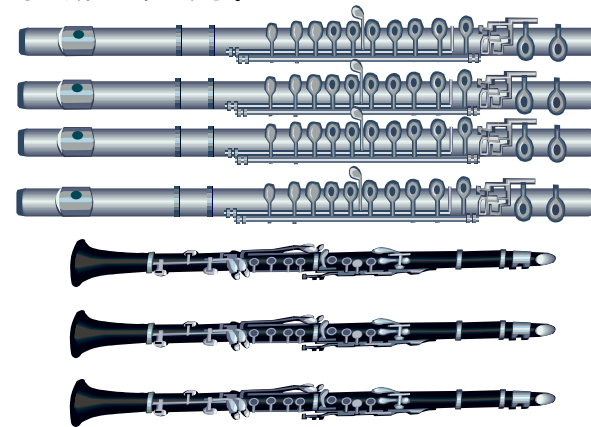
5. Convert the mixed number to an improper fraction.

$$16\frac{2}{3}$$

- A. $\frac{48}{3}$
- B. $\frac{50}{16}$
- C. $\frac{21}{3}$
- D. $\frac{50}{3}$

6.RP.1

3. Nell's school orchestra's instrument include 4 flutes and 3 clarinets.



Which expression shows the ratio of clarinets to flutes?

- A. 3 to 4
- B. 4:3
- C. 3:7
- D. 4 to 7

6.NS.4

1. What is the least common multiple of 3 and 5?

- A. 15
- B. 8
- C. 2
- D. 30

6.NS.3

2. Helen cut a rope that was 19.4 inches long, into 4 equal pieces. What is the length of each piece of rope?

- A. 4.85 inches long
- B. 10.35 inches long
- C. 8.65 inches long
- D. 4.75 inches long

6.RP.1

4. Katie read 3 biographies and 5 novels last summer. What is the ratio of novels to total books?

- A. $\frac{5}{8}$
- B. $\frac{8}{3}$
- C. $\frac{3}{5}$
- D. $\frac{5}{3}$

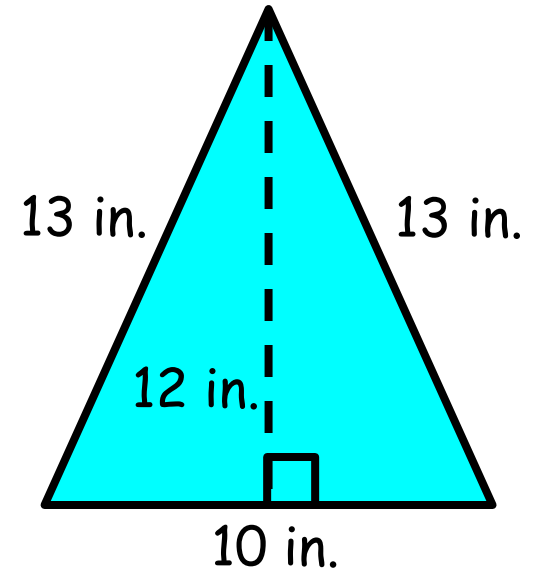
6.NS.2

5. Hassan's annual salary is \$74,308. If he works all 52 week of the year, how much is he paid each week?

- A. \$1,249
- B. \$1,294
- C. \$1,429
- D. \$1,439

6.G.1

3. What is the area of this triangle?



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

- A. 39 in^2
- B. 60 in^2
- C. 65 in^2
- D. 120 in^2

6.NS.4

1. What is the least common multiple (LCM) of 4 and 6?

- A. 10
- B. 8
- C. 24
- D. 12

6.NS.2

4. The Chattanooga airport has 4 gates. How many people went through each gate in July, if an equal amount went through each gate?

Month	Passengers
June	39,567
July	43,776

- A. 10,943
- B. 10,944
- C. 9,891
- D. 9,892

6.NS.3

2. Divide:

$$21.675 \div 1.7$$

- A. 8.25
- B. 12.75
- C. 7.25
- D. 12.65

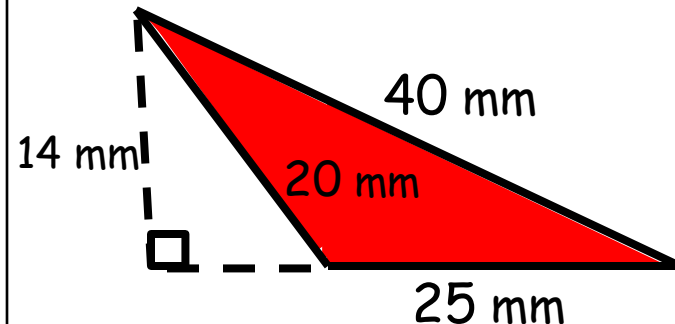
6.RP.1

5. Which baseball situation has a ratio of 3 strikeouts to 1 walk.

- A. 10 strikeouts, 5 walks
- B. 9 strikeouts, 2 walks
- C. 6 strikeouts, 2 walks
- D. 12 strikeouts, 3 walks

6.G.1

3. What is the area of this triangle?



Hint: $\left\{ \text{Area} = \frac{b \cdot h}{2} \right\}$

- A. 140 mm^2
- B. 175 mm^2
- C. 200 mm^2
- D. 400 mm^2