

1. At a toy factory, 3 out of 100 toy airplanes are broken. Which fraction and decimal represent how many toy airplanes are broken?

A 0.3 and $\frac{3}{10}$

B 0.03 and $\frac{3}{10}$

C 0.03 and $\frac{3}{100}$

D 3.0 and $\frac{3}{100}$

2. Which answer choice shows a correct comparison?

A $\frac{2}{10} > \frac{1}{2}$

B $\frac{6}{6} < \frac{9}{10}$

C $\frac{4}{5} < \frac{3}{8}$

D $\frac{2}{3} > \frac{1}{6}$

3. Trevor used a basic fact to find $120 \div 4$. Which basic fact could Trevor have used?

A $100 \div 4$

B $12 \div 3$

C $12 \div 4$

D $20 \div 4$

4. Select all the true statements.

12 meters = 1,200 centimeters

100 cm = 1 m

4 meters = 400 centimeters

N 30 centimeters = 3,000 millimeters

10 mm = 1 cm

N 44 kilometers = 4,400 meters

1 km = 1000 m

8 meters = 8,000 millimeters

1 m = 1000 mm

5. Rosa has 5 pounds of apples. How many pies with 8 ounces of apples can Rosa make? Explain.

*16oz = 1 lb,
3 16
5
80oz
80 ÷ 8 = 10*

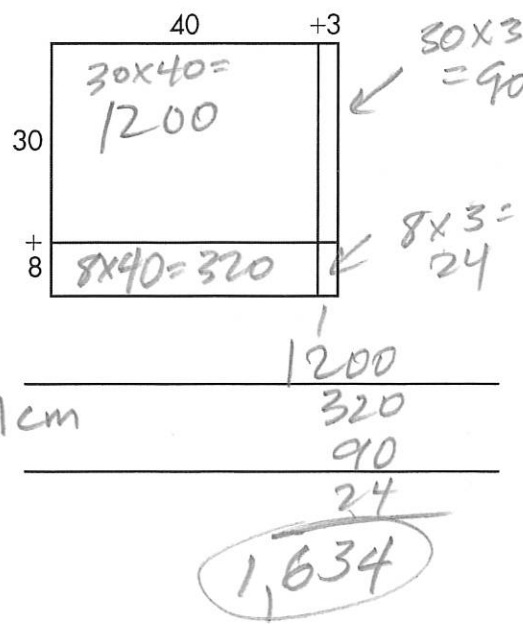
10 pies

6. A bottle of laundry detergent is $\frac{3}{5}$ full. Jamie uses $\frac{3}{10}$ of the bottle to do her laundry. Estimate what fraction of the bottle of laundry detergent is left. Use benchmark fractions to explain.

TRICKY

Jamie has about $\frac{1}{5}$ left. $\frac{3}{10}$ is close to $\frac{1}{2}$ and $\frac{3}{5}$ is close to $\frac{3}{4}$ so she only used two out of 3 parts.

7. Use the area model to find 38×43 .



1. Ms. Franklin bought a used car for \$7,250. She paid for the car in 5 equal payments. How much was each payment?

- A \$105
B \$145
C \$1,050
D \$1,450

$$\begin{array}{r} 50 \\ 1000 \\ 5 \overline{)7250} \\ \underline{-5000} \\ 250 \\ \underline{-250} \\ 0 \end{array}$$

2. Each of 24 students in a class is given a set of building blocks. Each set has 16 blocks. How many blocks do the students have in all?

- A 144 blocks
B 240 blocks
C 344 blocks
D 384 blocks

$$\begin{array}{r} 24 \\ \times 16 \\ \hline 24 = 6 \times 4 \\ 120 = 6 \times 20 \\ 40 = 10 \times 4 \\ 200 = 10 \times 20 \\ \hline 384 \end{array}$$

3. One state has a population of 819,761 people. Another state has a population of 900,877 people. What is the difference in population between the two states?

- A 81,116 people**
B 91,116 people
C 101,116 people
D 119,116 people

$$\begin{array}{r} 89 \\ 900877 \\ -819761 \\ \hline 81116 \end{array}$$

Subtract

4. Amber ran a 5-kilometer race. How many meters did Amber run?

- A 50 meters
B 500 meters
C 5,000 meters
D 50,000 meters

$$1 \text{ km} = 1000 \text{ m}$$

5. Aliya is 6 times as old as her sister. Her sister is 1 year old. Write a multiplication sentence to represent Aliya's age.

$$6 \times 1 = 6$$

6. The cost of a house is \$134,500. Round the cost to the nearest ten thousand.

$$134,500 \rightarrow 130,000$$

7. What is $3\frac{4}{12} + 2\frac{3}{12}$?

$$5\frac{7}{12}$$

8. Compare 0.43 and 0.5.

$$0.43 < 0.5$$

9. Complete the table.

Kilograms	Grams
2	2,000
4	4,000
6	6,000
8	8,000

10. Write 6,248 in expanded form.

$$6,000 + 200 + 40 + 8$$