

There were 4 buckets of apples. If each bucket had 8 apples, how many apples were there in all?

D

Bucket 1	B2	B3	B4	
8	8	8	8	?
apples				apples in all

B

There were some buckets of apples. If each bucket had 8 apples and there were 32 apples in all, how many buckets were there?

M

Bucket 1	B2	...	B?	
8	8	...	8	32
apples				apples in all

K

If there were 32 apples split evenly between 4 buckets, how many apples would be in each bucket?

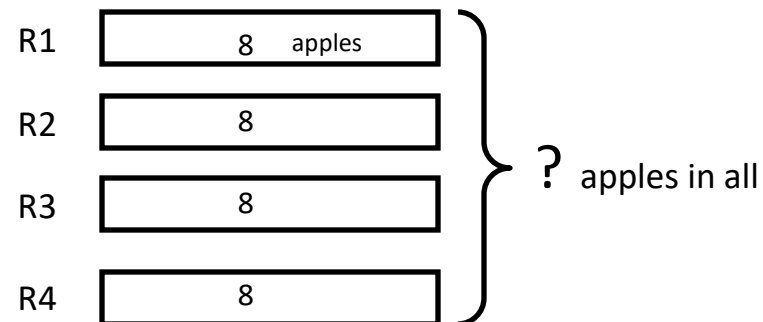
W

Bucket 1	B2	B3	B4	
?	?	?	?	32
apples				apples in all

F

There were 4 rows of apples in a display case with 8 apples in each row. How many apples were there in all?

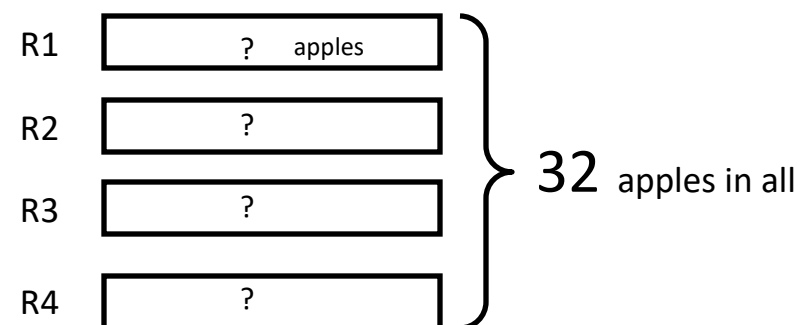
J



A

If 32 apples were organized into 4 rows with the same number of apples in each row, how many apples were in each row?

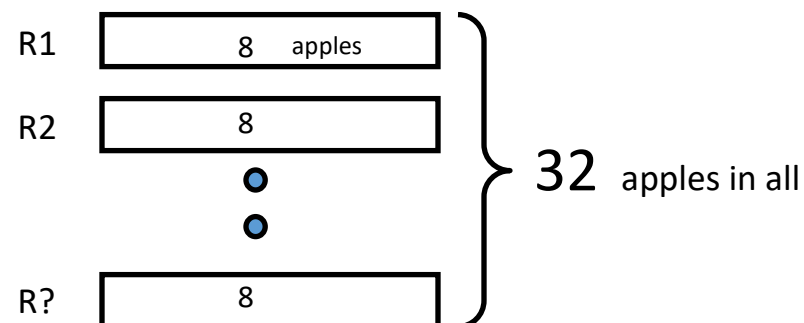
Q



Z

If there were 32 apples organized into rows with 8 apples in each row, how many rows were there?

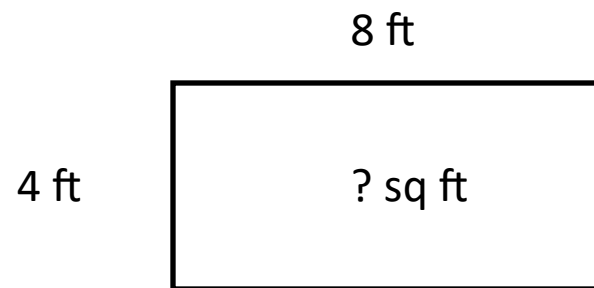
L



X

There was a rectangular garden that measured 4 ft by 8 ft. What was the area inside the garden?

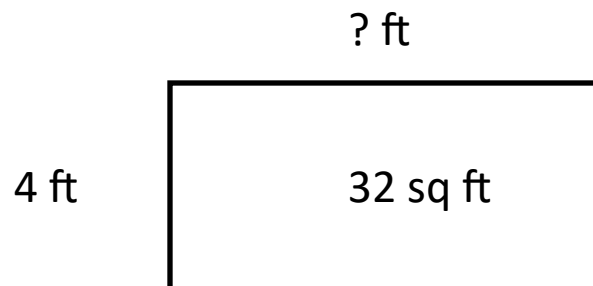
C



O

The area of a rectangular garden is 32 square feet. If one side measures 4 ft, what is the measurement of the other side?

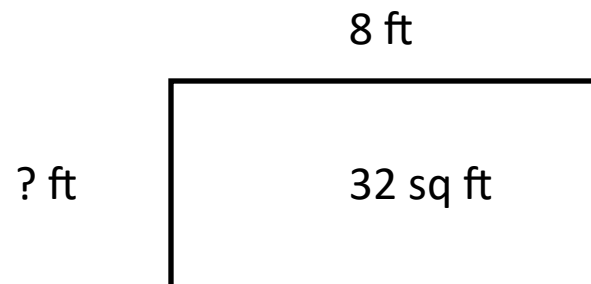
P



Y

The area of a rectangular garden is 32 square feet. If one side measures 8 ft, what is the measurement of the other side?

E



T

Bucket 1 had 8 apples. Bucket 2 had 4 times as many apples as Bucket 1. How many apples were in Bucket 2?

H

Bucket 1 had 8 apples. Bucket 2 had 32 apples. How many times more apples were in Bucket 2 than Bucket 1?

I

Bucket 1 had some apples. Bucket 2 had 32 apples which was 4 times more than the apples in Bucket 1. How many apples were in Bucket 1?

N

Bucket 1

8

apples

Bucket 2

8

8

8

8

? apples

1x

2x

3x

4x

S

Bucket 1

8

Bucket 2

8

8

8

8

32 apples

1x

2x

3x

?x

U

Bucket 1

?

Bucket 2

?

?

?

?

32 apples

1x

2x

3x

4x

V

Multiplication and Division Model Sort Answer Key

D, B

M, K

W, F

J, A

Q, Z

L, X

C, O

P, Y

E, T

H, S

I, U

N, V

$$8 \times 4 = ?$$

$$4 \times 8 = ?$$

$$? = 8 \times 4$$

$$? = 4 \times 8$$

$$8 = ? \times 4$$

$$4 = ? \times 8$$

$$32 \div 8 = ?$$

$$32 \div 4 = ?$$

$$? = 32 \div 8$$

$$? = 32 \div 4$$

$$32 \times 8 = ?$$

$$32 \times 4 = ?$$

$$? = 32 \times 8$$

$$? = 32 \times 4$$

$$? = 4 \div 32$$

$$? = 8 \div 32$$

$$8 \div 32 = ?$$

$$4 \div 32 = ?$$