Grade 5 Math Board

ROCKETSHIP PUBLIC SCHOOLS

Numbers in Base Ten

Oliver's Bakery makes 58 vanilla cakes each day and cuts each cake into 8 slices. Then, they package them into boxes of 5 slices. How many boxes will they need to fit all the slices they make in one day?

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Numbers in Base Ten

Which statements are correct? Select **THREE** that apply.

a. 0.4445 rounded to the hundredths place is 0.45
b. 0.3996 rounded to the thousandths place is 0.399
c. 0.1738 rounded to the tenths place is 0.2
d. 0.8234 rounded to the hundredths place is 0.82
e. 0.5137 rounded to the thousandths place is 0.514
f. 0.6782 rounded to the tenths place is 0.68

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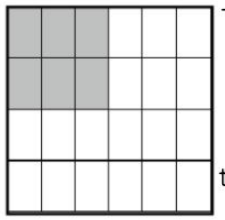
Numbers - Fractions



The square to the left represents one whole.

Which of the following options represent a correct way to find the area of the shaded rectangle and the correct answer? Select **THREE** that apply.

A. $\frac{1}{2} \times \frac{1}{2}$

B. $\frac{1}{2} \times \frac{1}{3}$

C. $\frac{1}{2} \times 2$

D. $\frac{1}{2} \times \frac{2}{4}$

E. $\frac{1}{2} \times \frac{3}{6}$

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Operations & Algebraic Thinking

Watch this video to help you with this problem!

Pattern A and Pattern B are determined by the following rules.

- Pattern A starts at 20 and subtracts 3
- Pattern B starts at 10 and adds 2

Which of these ordered pairs is created from these patterns? Use *(A, B)*

A. (10, 20), (7, 22), (4, 24), (1, 26)
B. (10, 20), (8, 23), (6, 26), (4, 29)
C. (20, 10), (18, 13), (16, 16), (14, 19)
D. (20, 10), (17, 12), (14, 14), (11, 16)

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Measurement & Data

The height of four buildings is listed below:

Building Name	Height
Altitude Apartments	1,350 yards
Half Mile Tower	0.5 miles
Sky Suites	3,600 feet
Zenith Hotel	1,500.25 yards

1 mile = 1,760 yards
1 mile = 5,280 feet

What is the difference in height in yards between the tallest and shortest building?

a. 150.25 yards
b. 620.25 yards
c. 1,860.75 yards
d. 3,799.5 yards

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