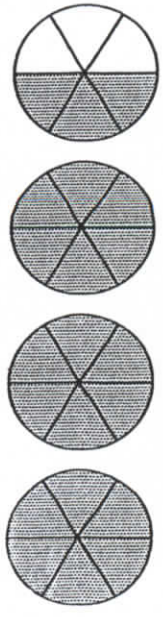


1 The model below is shaded to represent a fraction.

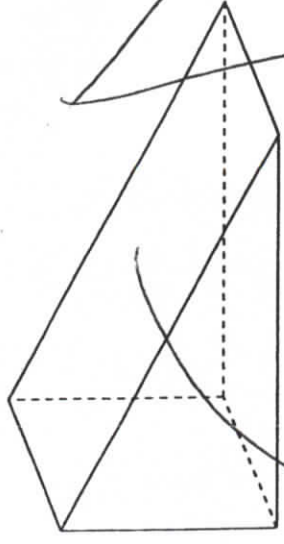


Which fraction does the model represent?

- (A)  $\frac{21}{2}$
- (B)  $\frac{21}{6}$
- (C)  $\frac{33}{3}$
- (D)  $\frac{33}{2}$

4.2B

4 How many faces and vertices does the figure below have?



- (A) 4 faces; 9 vertices
- (B) 4 faces; 6 vertices
- (C) 5 faces; 9 vertices
- (D) 5 faces; 6 vertices

4.8C

6 Which point on the number line best represents  $21\frac{1}{2}$ ?



- (A) Point J
- (B) Point K
- (C) Point L
- (D) Point M

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Version 1

4.10A

2 Shannon found three eggs in the henhouse this morning.



Which is the best estimate of the total weight of the three eggs?

- (A) 5 pounds
- (B) 5 ounces
- (C) 5 kilograms
- (D) 5 grams

4.11A

5 The table shows the number of faces on different numbers of icosahedrons.

|                        |    |     |     |
|------------------------|----|-----|-----|
| Number of Icosahedrons | 4  | 9   | 14  |
| Number of Faces        | 80 | 180 | 280 |

Which shows one way to find the number of faces on 20 icosahedrons?

- (A) Add 80 to 20
- (B) Divide 280 by 20
- (C) Multiply 20 by 20
- (D) Subtract 20 from 280

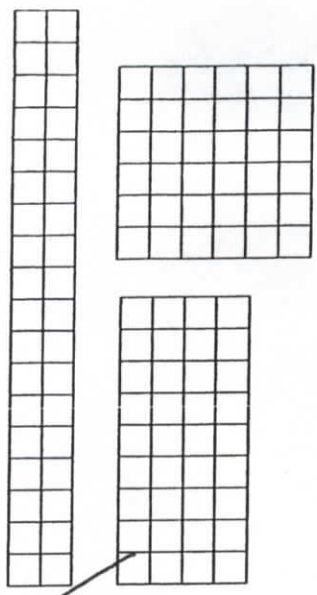
4.7A

3 Mr. Quayle owns a potato farm. Last year he grew and sold between 215,000 and 235,000 pounds of potatoes. Which could be the exact number of pounds of potatoes he grew and sold last year?

- (A) 237,126
- (B) 210,565
- (C) 245,305
- (D) 219,657

4.1A

Some arrays for a certain number are shown below.



Which of these shows another array for the same number?

