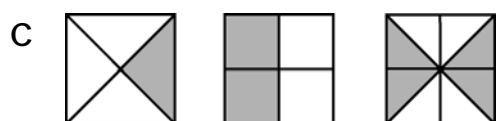


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- 1 Each model represents a fraction. In which set of models do the numerators remain the same?



- 2 Howard treated twelve friends to a buffet breakfast after they helped him move. The cost per person for the buffet breakfast was \$6.17. Which is the best estimate of the cost of breakfast for Howard's twelve friends?

- F Less than \$10
G Between \$10 and \$20
H Between \$70 and \$75
J More than \$75

- 3 Look at the table below.

A	B
1	4
2	8
3	12
4	16
5	20

What is the rule for finding the value of B in this table?

- A Multiply A by 3 and then add 3
B Add 6 to A
C Multiply A by 4
D Multiply A by 5 and then subtract 3

- 4 Jade ordered a pizza with 2 toppings. She chose from pepperoni, mushrooms, and peppers.



Pepperoni



Mushrooms

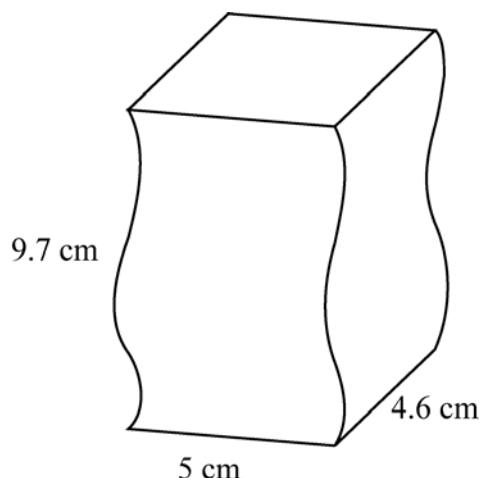


Peppers

How many different combinations of 2 toppings could Jade have chosen?

- F 4
G 3
H 6
J 9

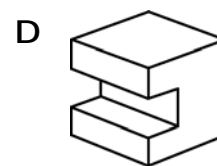
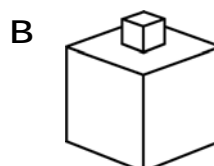
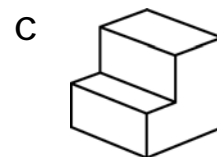
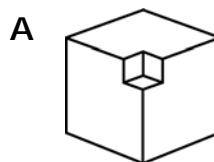
- 5 Amanda found the oddly shaped box shown below at a garage sale. Its base measures 5 centimeters on one side and 4.6 centimeters on the other. The box stands about 9.7 centimeters tall.



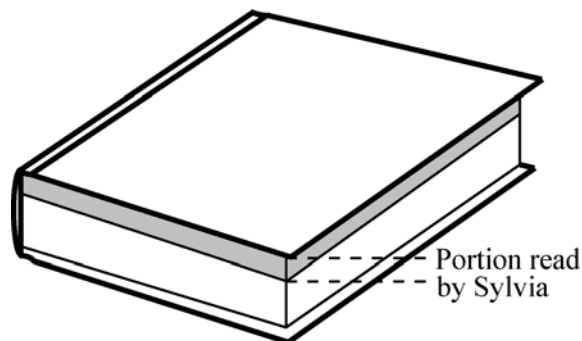
Which of the following is the best estimate of the volume of the box?

- A 350 cubic centimeters
B 180 cubic centimeters
C 80 cubic centimeters
D 250 cubic centimeters
- 6 Dan got \$10, \$25, and \$50 as birthday gifts. He wants to buy two computer games. One game costs \$60 and the other game costs \$45. Does he have enough money to buy both games? If not, how much more does he need?
- F No, he doesn't. He needs \$30 more.
G No, he doesn't. He needs \$20 more.
H Yes, he does. He has \$190.
J No, he doesn't. He needs \$10 more.

- 7 Which of the following shapes has the fewest faces?



- 8 Sylvia is reading a novel and marks her progress with a bookmark. The novel she is reading is pictured below.



If Sylvia's bookmark is on page 88, which of the following is the best estimate of the total number of pages in the novel?

- F 350
G 210
H 425
J 270



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Item Number	Reporting Category	Readiness or Supporting	Content Student Expectation	Process Student Expectation	Correct Answer
1	1	Supporting	4.2 (C)	4.16 (A)	A
2	1	Supporting	4.5 (B)	4.14 (B)	H
3	2	Readiness	4.7 (A)	4.15 (A)	C
4	5	Supporting	4.13 (A)	4.14 (C)	G
5	4	Supporting	4.11 (D)	4.14 (C)	D
6	1	Supporting	4.3 (A)	4.14 (A)	G
7	3	Readiness	4.8 (C)	4.14 (D)	C
8	4	Readiness	4.11 (A)	4.14 (C)	J