Which expressions are equivalent to -2.5(1-2n)-1.5n ?

Select all that apply.

- \square A. -2.5 3.5n
- \blacksquare B. -2.5 + 3.5n
- \square C. -2.5-6.5n
- \square D. -2.5 n(5 1.5)
- \square E. -2.5 + n(5-1.5)

1

Jessica rented 1 video game and 3 movies for a total of \$11.50.

- The video game cost \$4.75 to rent.
- · The movies cost the same amount each to rent.

What amount did Jessica pay to rent each movie?

Enter your answer in the box.

\$

2

The spinner shown is divided into 8 equal sections.

The arrow on this spinner is spun once.

What is the probability that the arrow will land on a section labeled with a number **greater** than 3?

Enter your answer in the space provided. Enter **only** your fraction.

The arrow on this spinner is spun once.

What is the probability that the arrow will land on a section labeled with a number **greater** than 3?

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The arrow on this spinner is spun once.

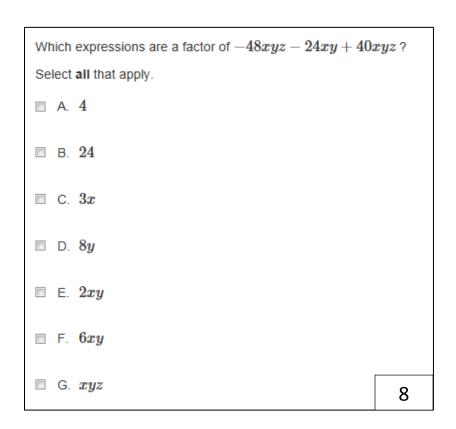
3

▶ Groups

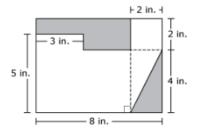
Two equations are shown.			
Equation 1: $\frac{2}{3}\left(x-6\right)=6$	3		
Equation 2: $\frac{2}{3}y - 6 = 6$			
Solve each equation. Then,	enter a number ir	n each box to make this statem	ent true.
The value of x is		, and the value of \boldsymbol{y} is	
			4

Misha has a cube and a right-square pyramid that are made of clay. She placed both clay figures on a flat surface.					
Select each box in the table that identifies the two-dimensional-plane sections that could result from a vertical or horizontal slice through each clay figure.					
Clay Figure	Cube	Right-Square Pyramid			
Triangle					
Square					
Rectangle That Is Not a Square		6			

A store owner paid \$15 for a book. She marked up the price of the book by 40% to determine its sprice.	selling			
Part A				
What is the selling price of the book?				
Enter your answer in the box.				
\$				
Part B				
A customer buys a different book that has an original selling price of \$38. The book is discounted 25%. The customer must pay a 6% sales tax on the discounted price of the book.				
What is the total amount the customer pays for the discounted book?				
Enter your answer in the box.				
\$	7			



This figure shows two shaded regions and a non-shaded region. Angles in the figure that appear to be right angles are right angles.



Part A

What is the area, in square inches, of the triangular-shaped region that is shaded in this figure?

Enter your answer in the box.

square inches

Part B

What is the area, in square inches, of the non-shaded region in this figure?

Enter your answer in the box.

square inches

9

The students in Naomi's class sold calendars for a fund-raiser this year and last year.

This year, the selling price of each calendar was \$13.25.

The price this year represents 6% more than the selling price of each calendar last year.

10

Part A

What was the selling price of each calendar last year?

Enter your answer in the box.

\$

Part B

The students in Naomi's class earned 20% of the selling price of each calendar sold this year and last year.

- · At last year's selling price, Naomi's class sold 650 calendars.
- At this year's selling price, Naomi's class sold 600 calendars.

Select a choice from each drop-down menu to make this statement true.

The students in Naomi's class earned more money from the fund-raiser

Last vear or this vear | by | \$20. \$25. \$35. 450. or \$60