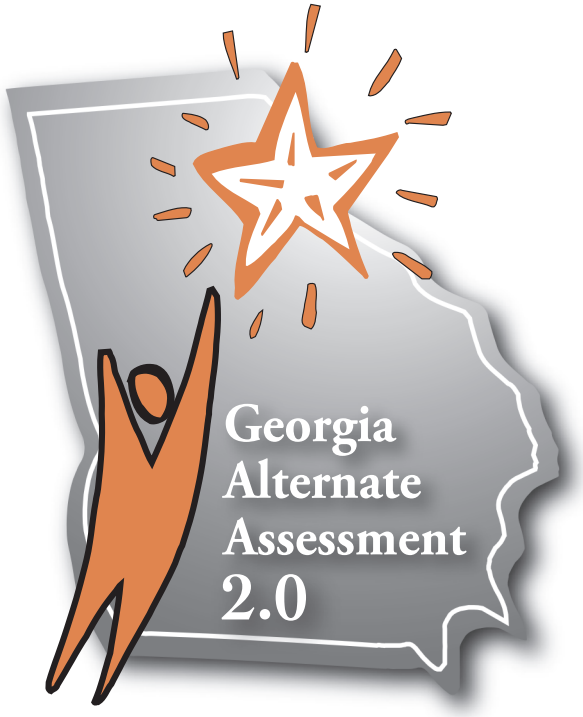
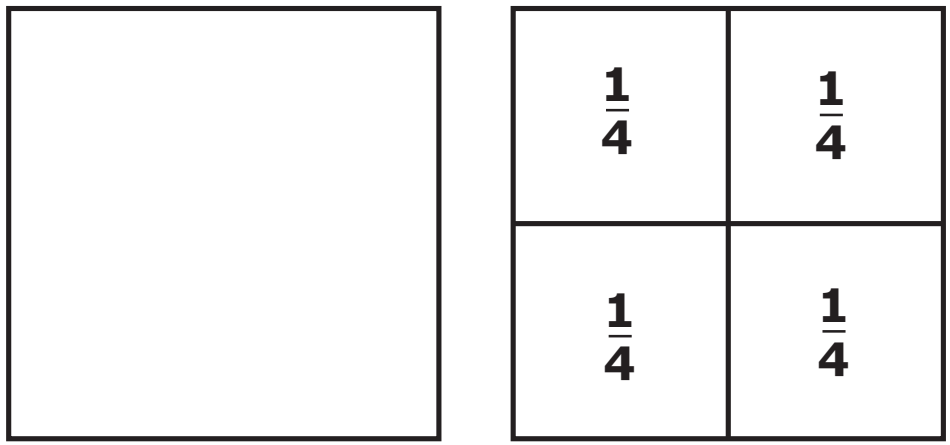
Mathematics Sample Tasks
Student Booklet



Student Name: _____



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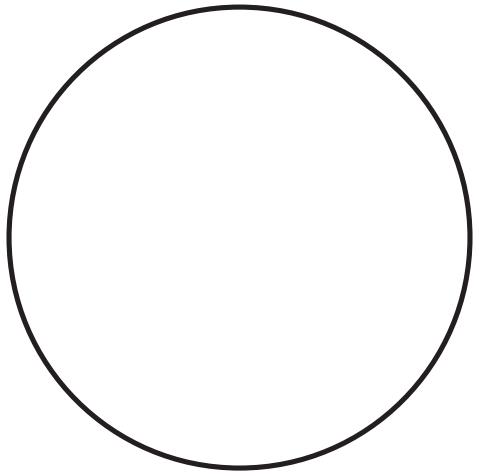

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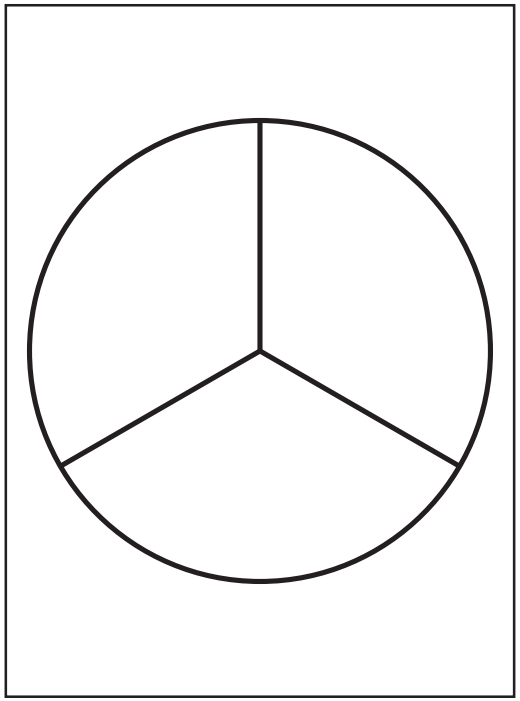
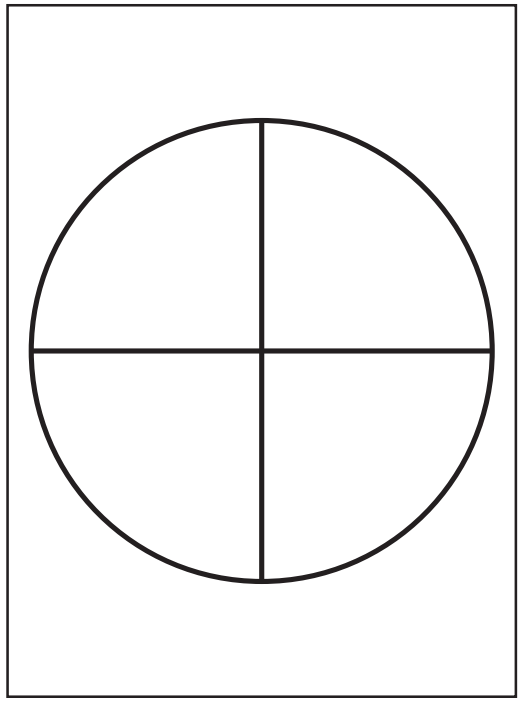
A



Task 1 Part A2

B



Task 1 Part A2

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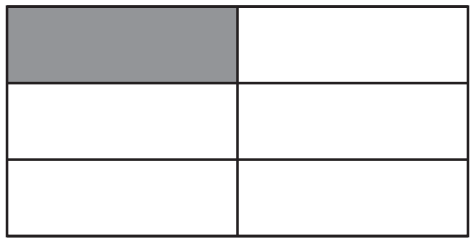

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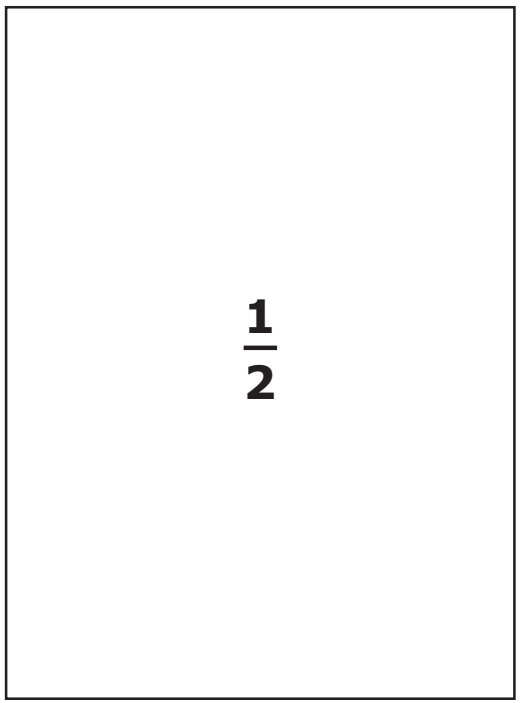
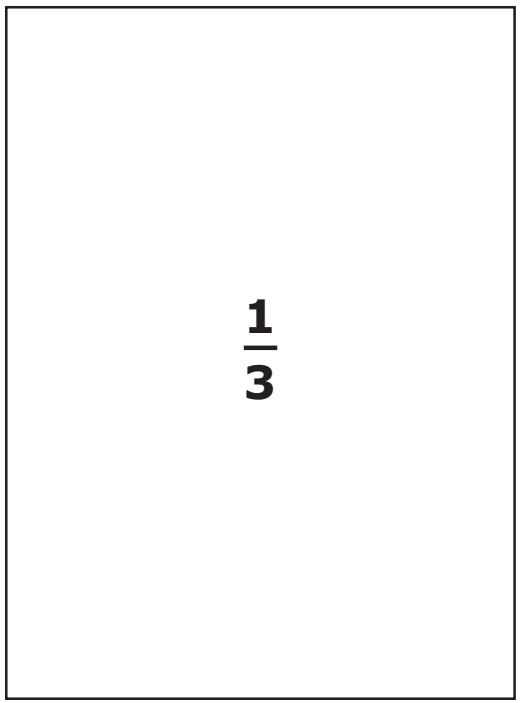
A



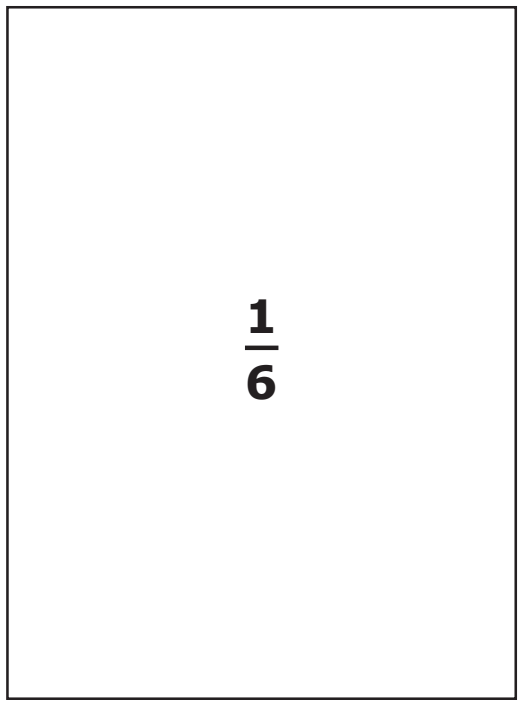
Task 1 Part B2

B



Task 1 Part B2

C



Task 1 Part B2

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$\frac{1}{5}$

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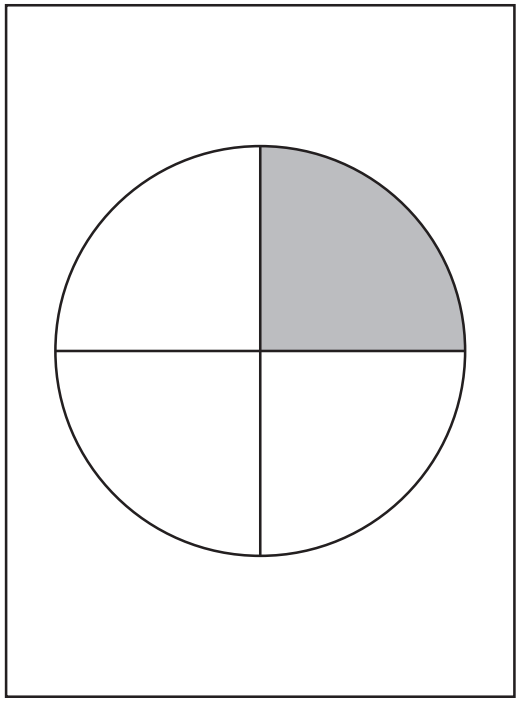
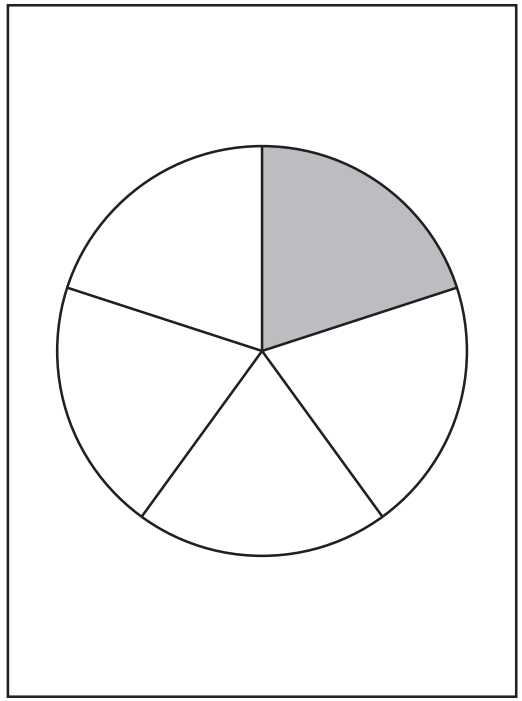
A



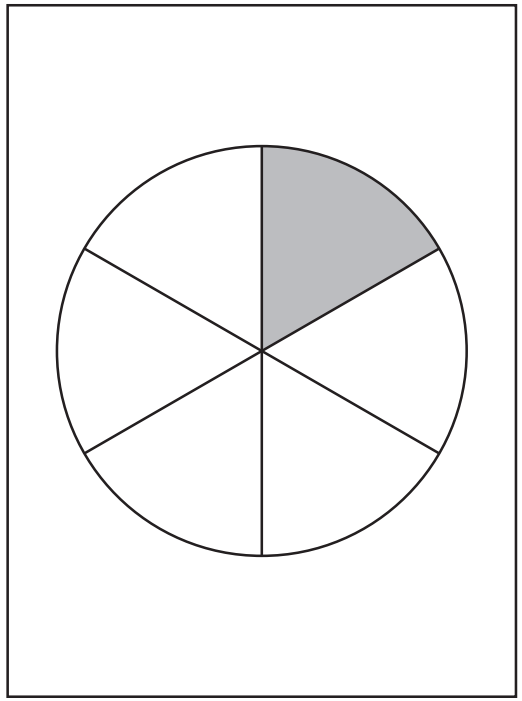
Task 1 Part C2

B



Task 1 Part C2

C



Task 1 Part C2

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32

Thousands	Hundreds	Tens	Ones
		3	2

30 + 2

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70 + 5

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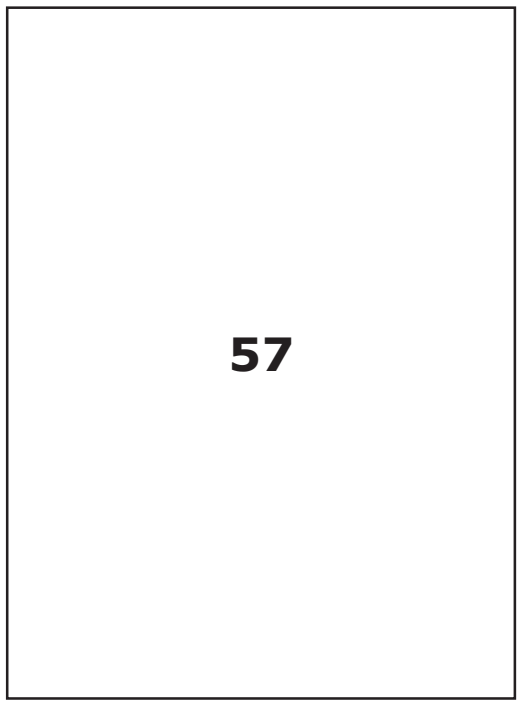
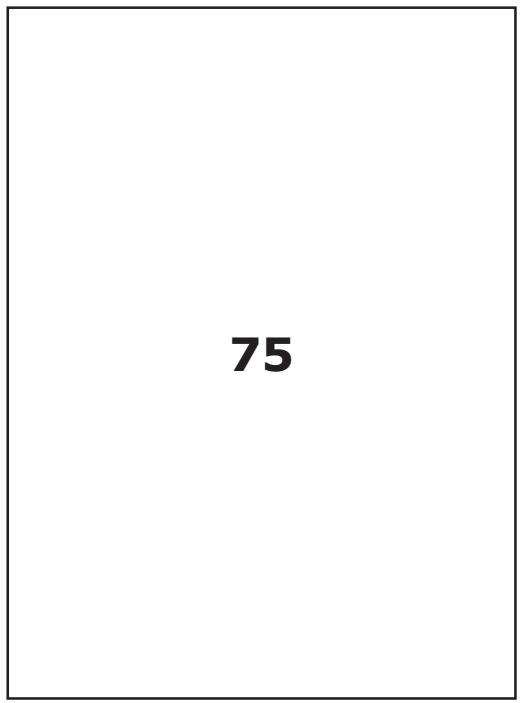
A



Task 2 Part A2

B



Task 2 Part A2

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400 + 20 + 1

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A

421

Task 2 Part B2

B

4,201

Task 2 Part B2

C

400,201

Task 2 Part B2

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1,526

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A

5,000 + 200 + 10 + 6

Task 2 Part C2

B

2,000 + 500 + 60 + 1

Task 2 Part C2

C

1,000 + 500 + 20 + 6

Task 2 Part C2

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0, 6, 12, 18, 24, . . .

+6 +6 +6 +6

0, 6, 12, 18, 24, . . .

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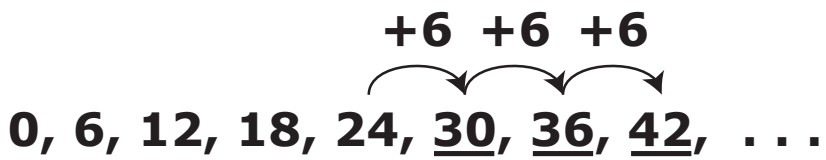
0, 6, 12, 18, 24, ___, ___, ___, . . .



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0, 6, 12, 18, 24, . . .

3, 9, 15, 21, 27, . . .

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0, 4, 8, 12, 16, ___, . . .

+4 +4 +4 +4

0, 4, 8, 12, 16, ___, . . .

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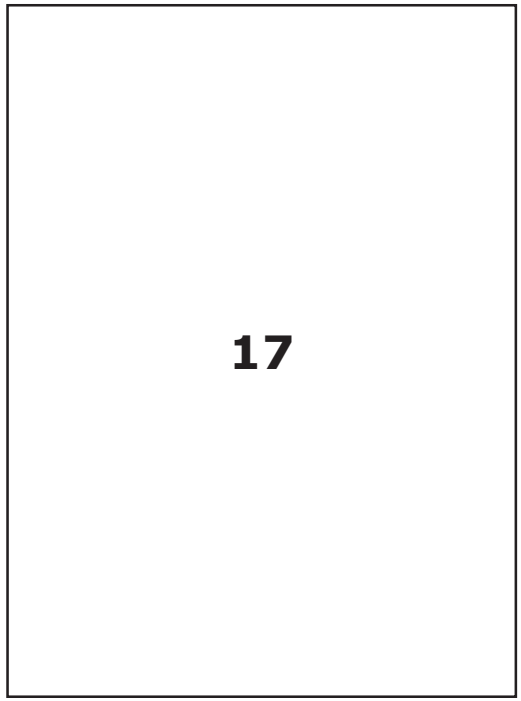
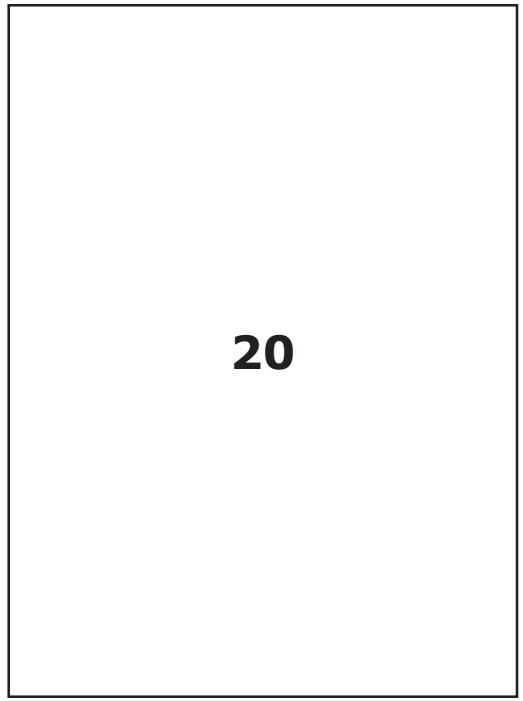
A



Task 3 Part A2

B



Task 3 Part A2

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0, 5, 10, 15, ___, . . .

4, 9, 14, 19, ___, . . .

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A

16 and 23

Task 3 Part B2

B

20 and 23

Task 3 Part B2

C

20 and 24

Task 3 Part B2

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3, 6, 9, 12, . . .

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A

3, 8, 13, 18, . . .

Task 3 Part C2

B

5, 8, 11, 14, . . .

Task 3 Part C2

C

5, 10, 15, 20, . . .

Task 3 Part C2

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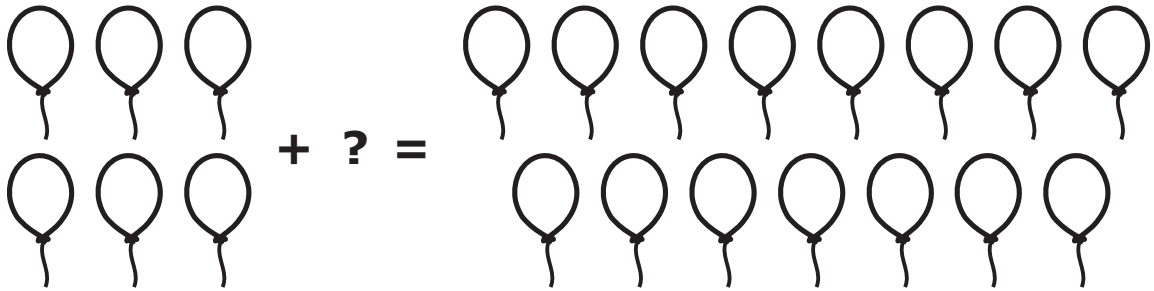
Carson has 6 balloons. He needs a total of 15 balloons.



$$\begin{array}{r} 6 + b = 15 \\ -\,6 \qquad\quad -\,6 \\ \hline 0 + b = 9 \\ b = 9 \end{array}$$

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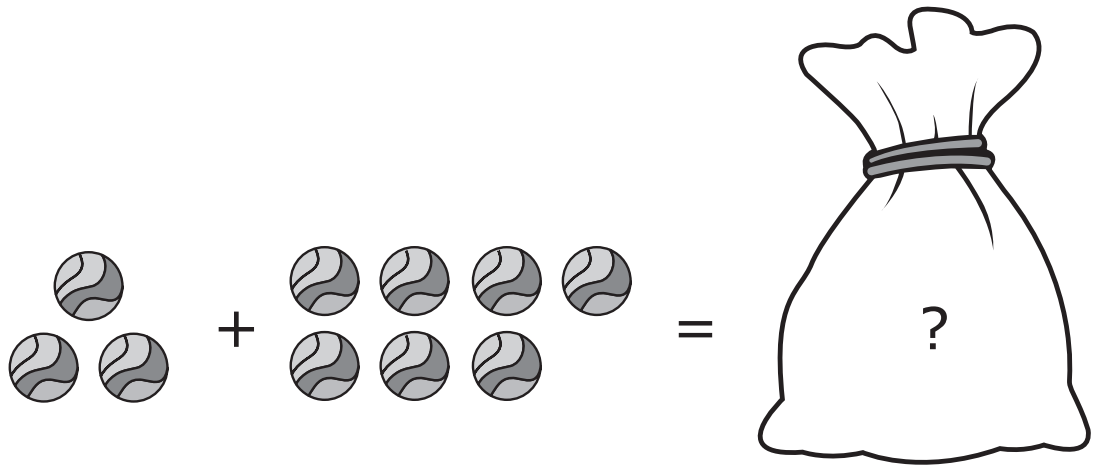

Kim Sam

3 **+** **7** **=** ***m***

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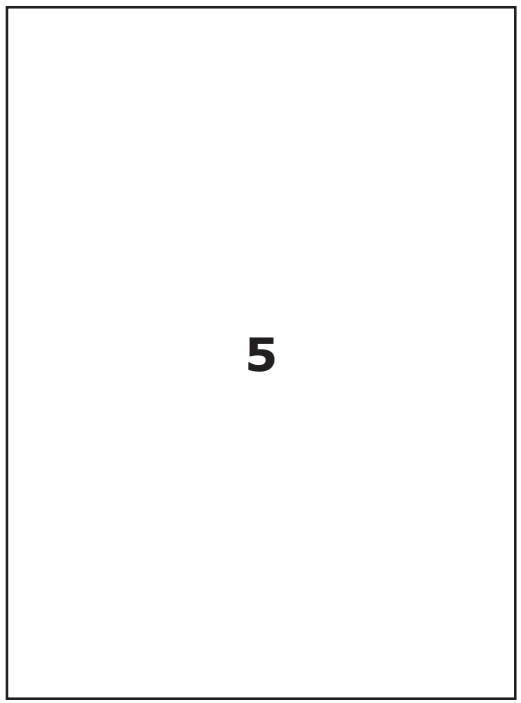
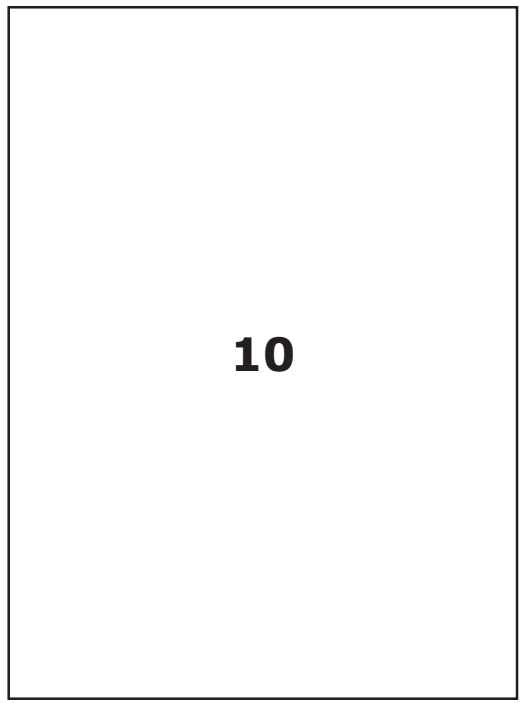
A



Task 4 Part A2

B



Task 4 Part A2

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Mike had 20 cards and Kendra gave him some more. Now Mike has 25 cards.

$$20 + c = 25$$

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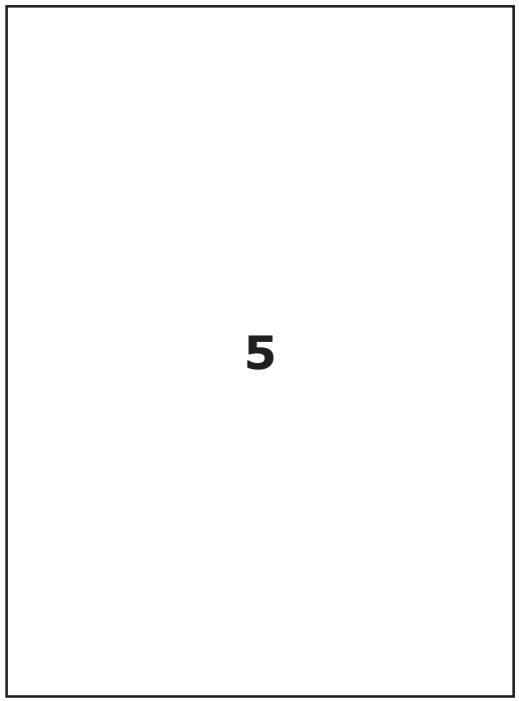
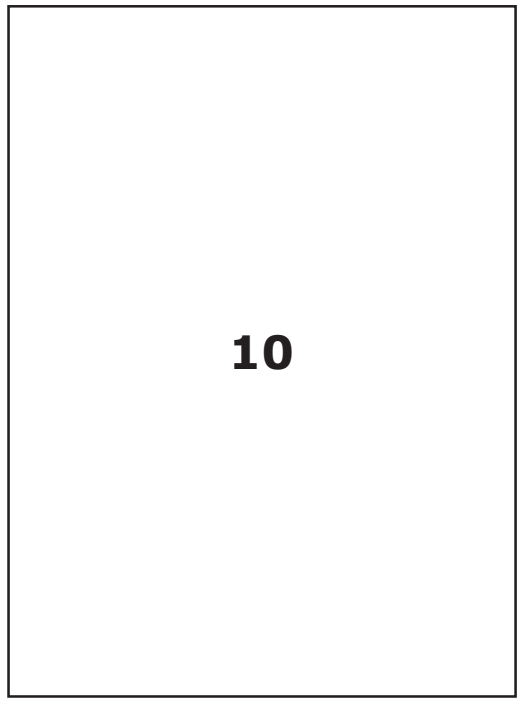
A



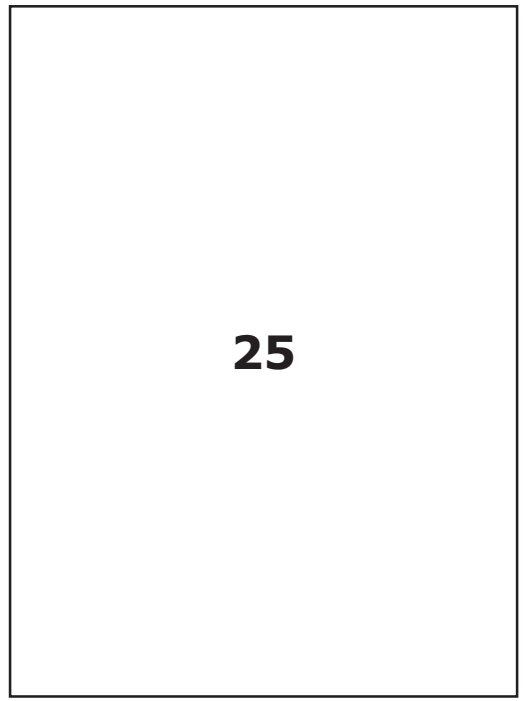
Task 4 Part B2

B



Task 4 Part B2

C



Task 4 Part B2

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Jody has 10 pieces of candy. Ben has 3 times as many as Jody.

$$10 \times 3 = b$$

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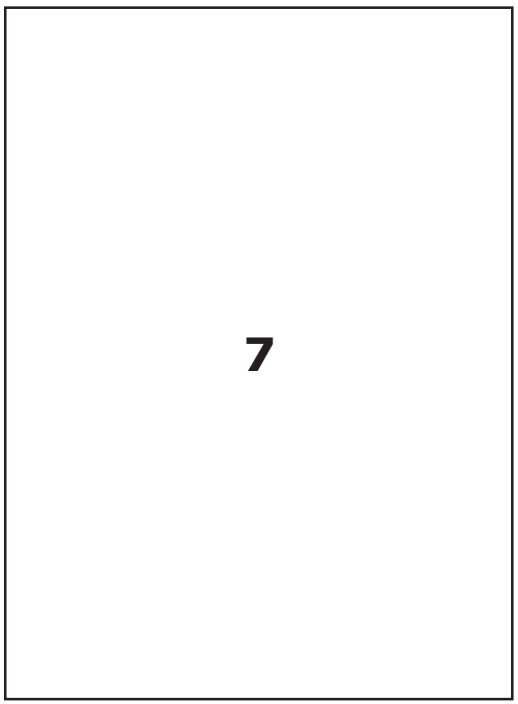
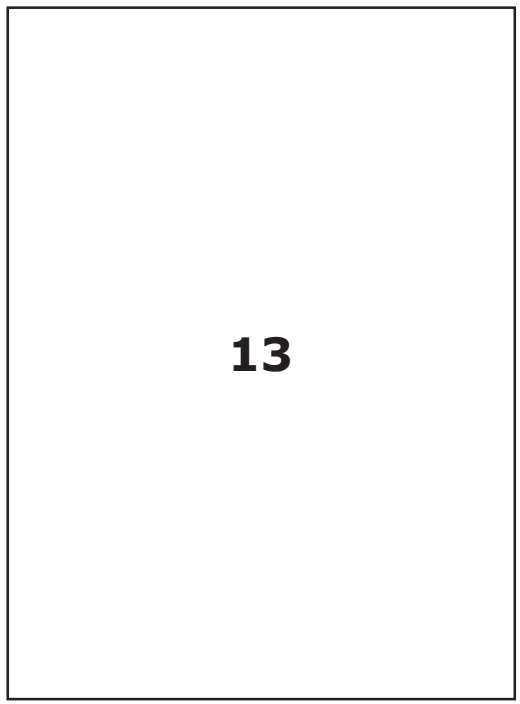
A



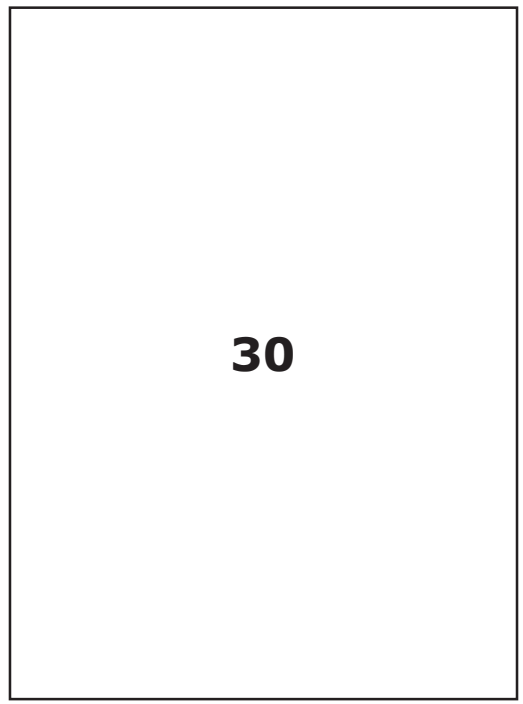
Task 4 Part C2

B



Task 4 Part C2

C



Task 4 Part C2

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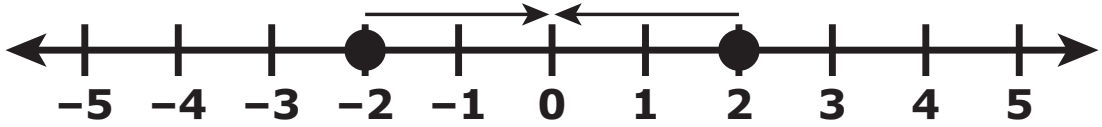
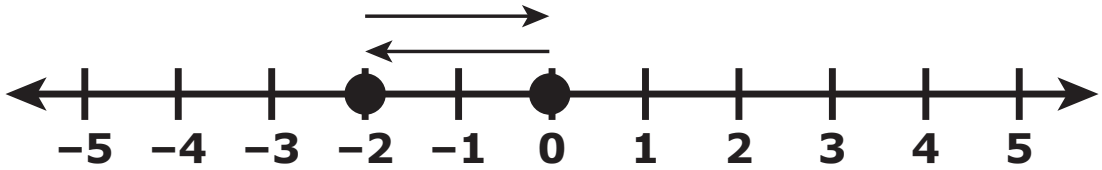


−2 + 2 = 0



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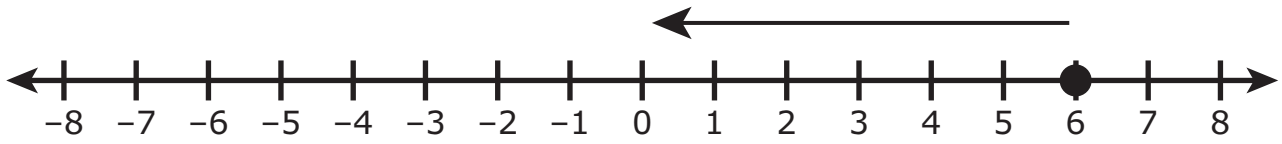
6



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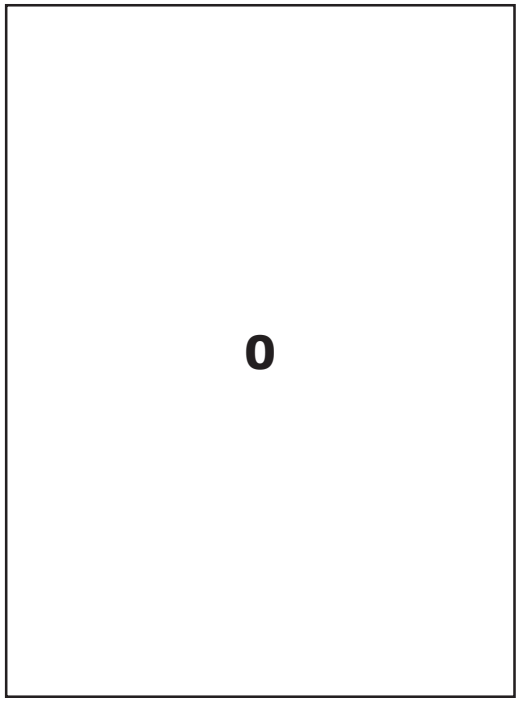
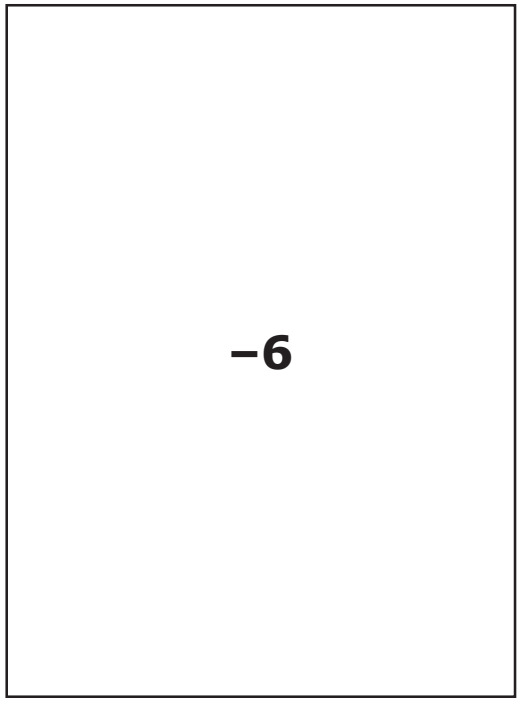
A



Task 5 Part A2

B



Task 5 Part A2

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$$-4 + 4 = 0$$

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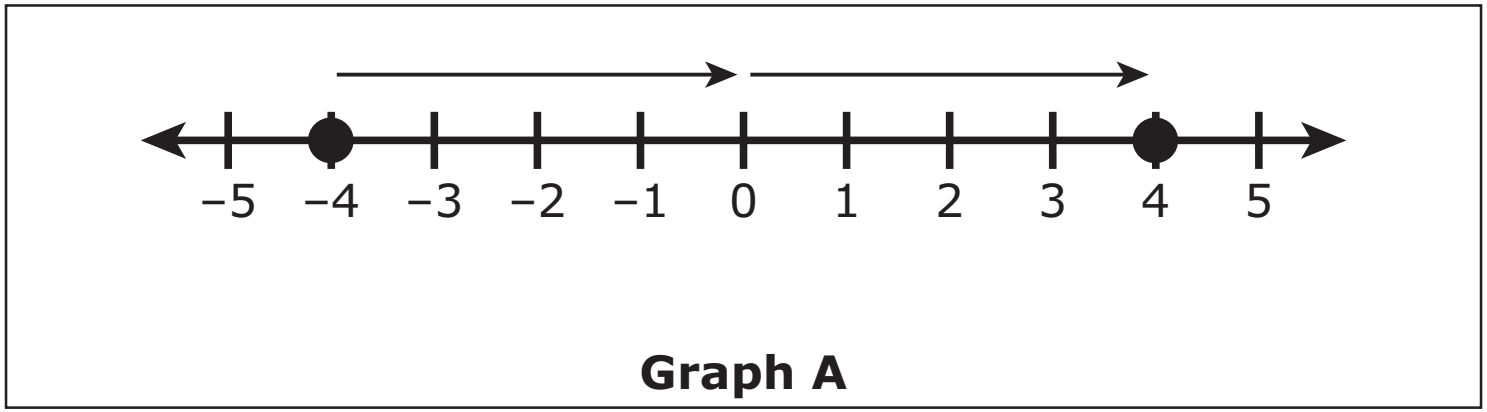
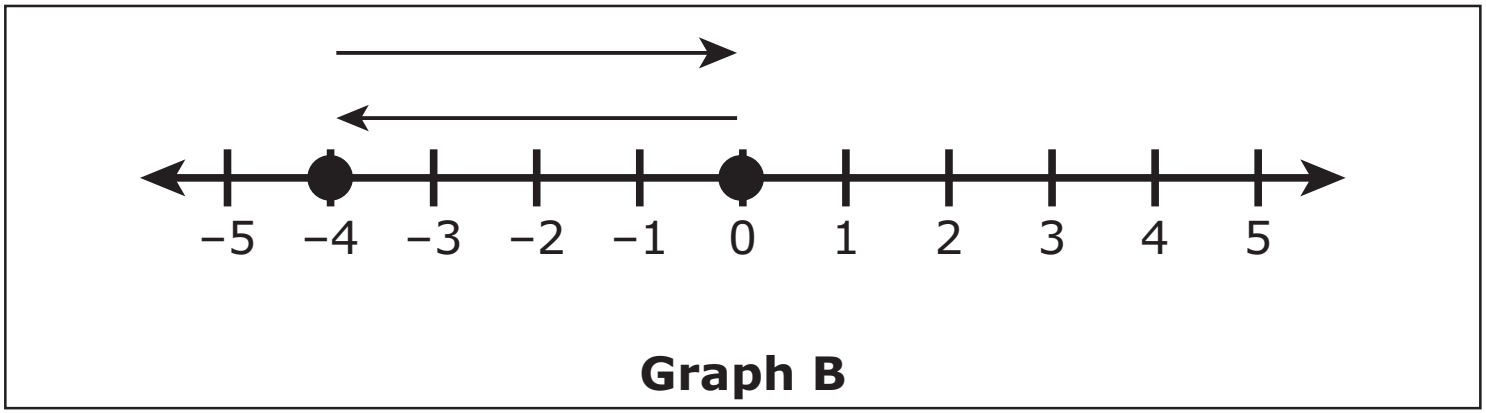
A



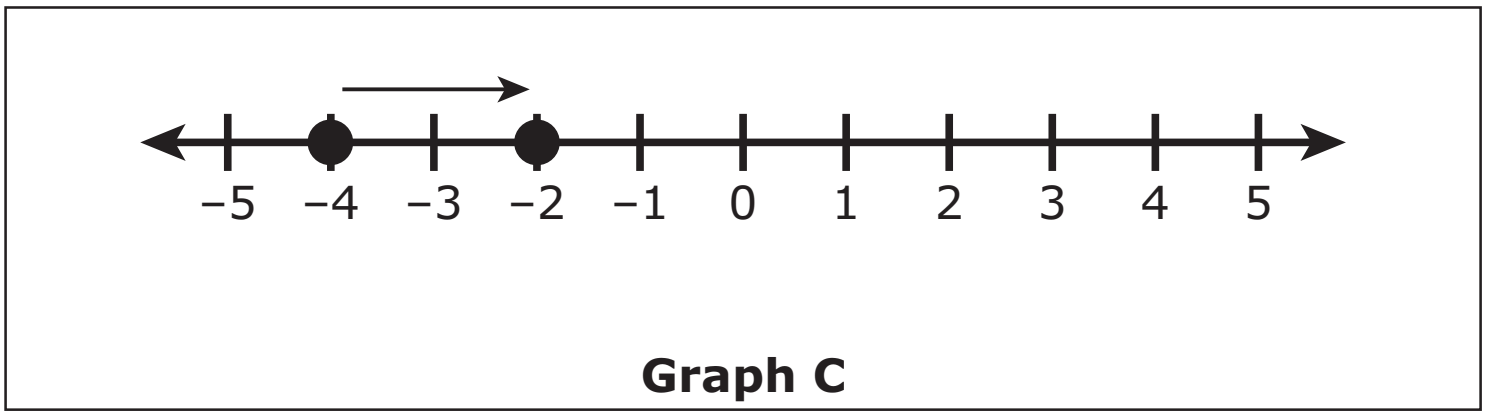
Task 5 Part B2

B



Task 5 Part B2

C



Task 5 Part B2

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Steven has 8 video games. Steven gives away 8 of his video games.

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A

$8 + (-8) = 0$

Task 5 Part C2

B

$8 + (-8) = 16$

Task 5 Part C2

C

$8 + (-8) = 8$

Task 5 Part C2

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$$y = x + 3$$

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$y = x + 3$

$y = 1 + 3$

$y = 4$

When $x = 1$, $y = 4$

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Input	Output
1	4
2	5
3	6

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$$y = 5 + x$$

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A

***x* is the output**

***y* is the input**

Task 6 Part A2

B

***x* is the input**

***y* is the output**

Task 6 Part A2

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$$y = 11 - x$$

When $x = 2$, $y = ?$

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A

$y = 2$

Task 6 Part B2

B

$y = 9$

Task 6 Part B2

C

$y = 13$

Task 6 Part B2

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$$y = 3x$$

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x	*y*
1	3
2	6
3	
4	

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A

3	7
4	8

Task 6 Part C3

B

3	6
4	7

Task 6 Part C3

C

3	9
4	12

Task 6 Part C3

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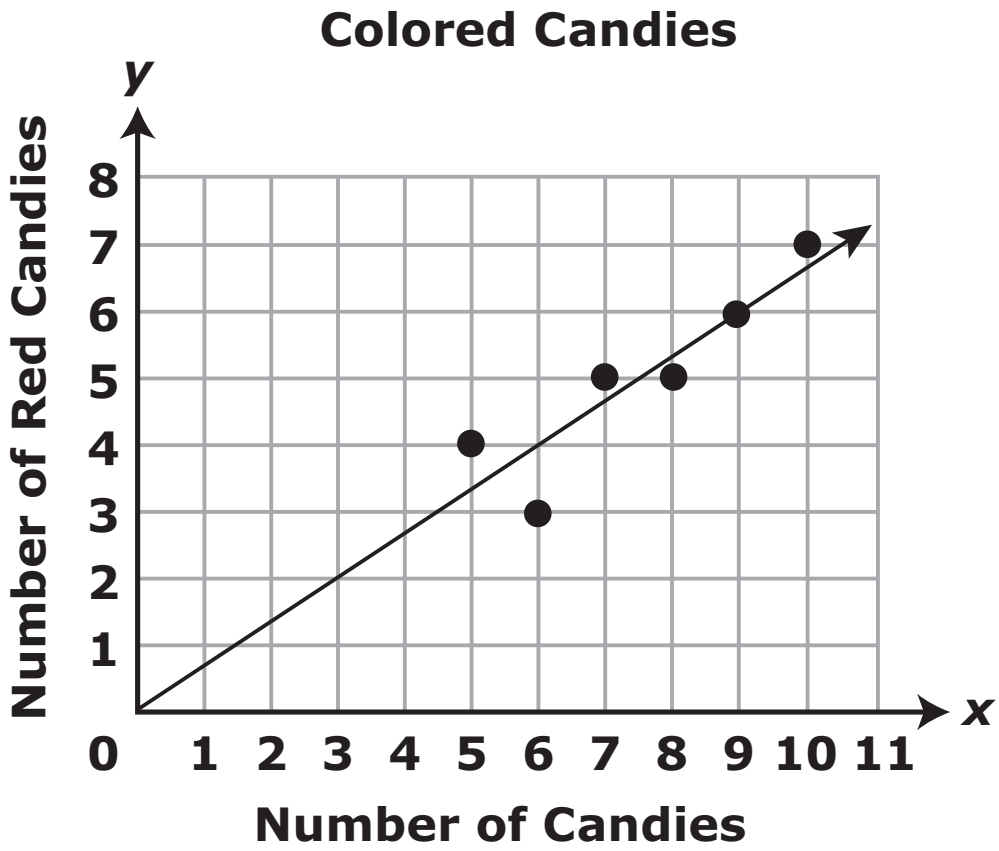

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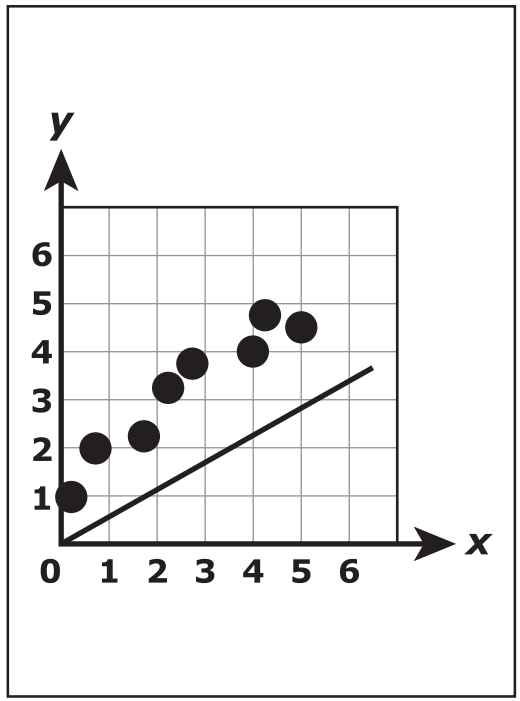
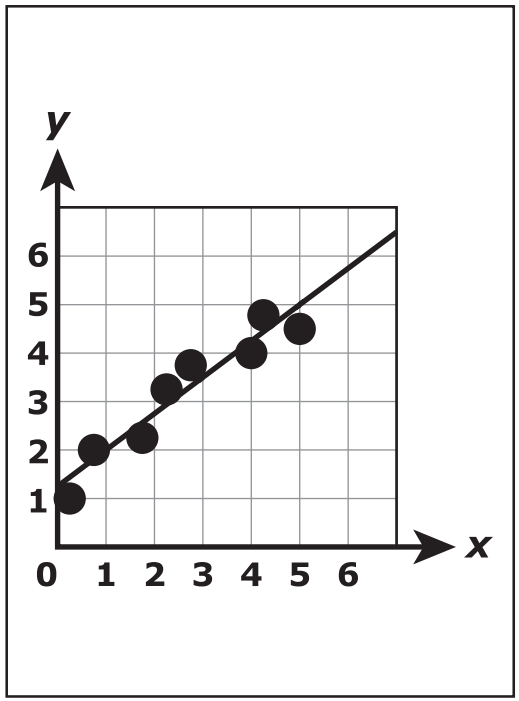
A



Task 7 Part A1

B



Task 7 Part A1

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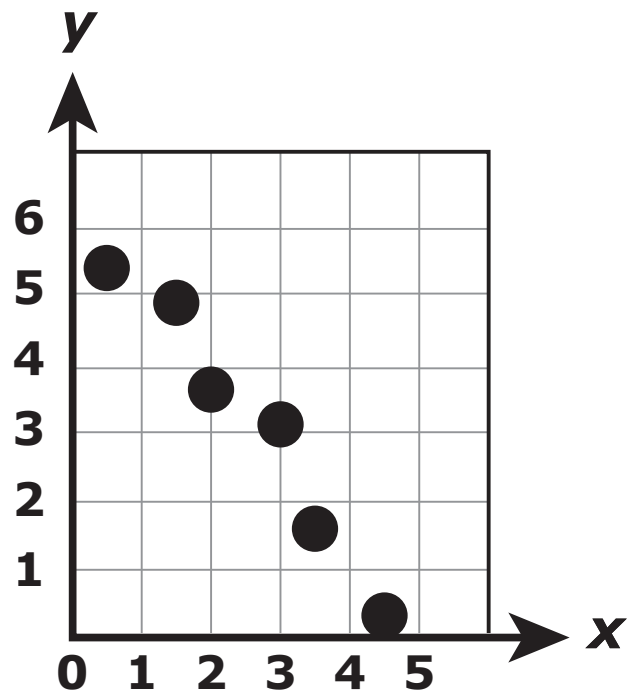

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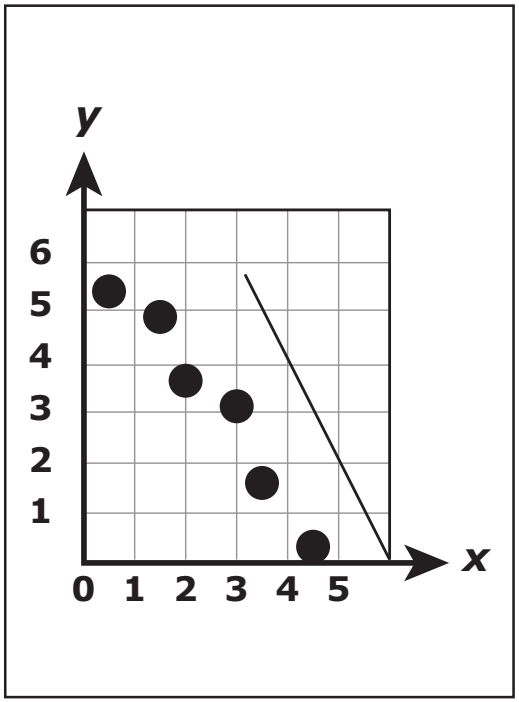
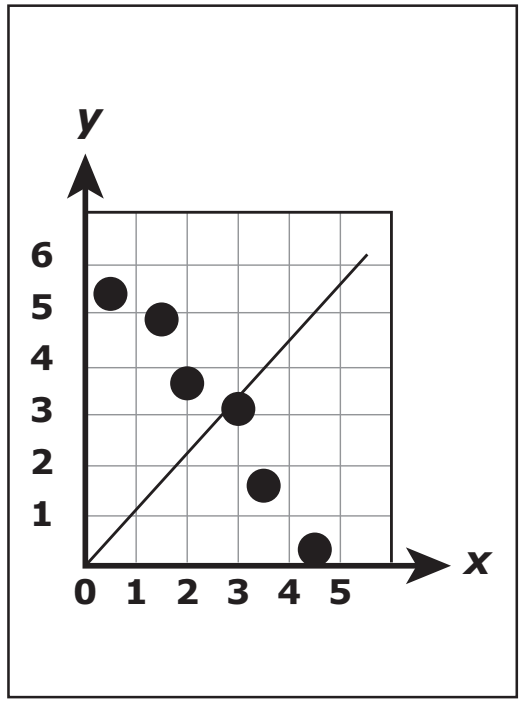
A



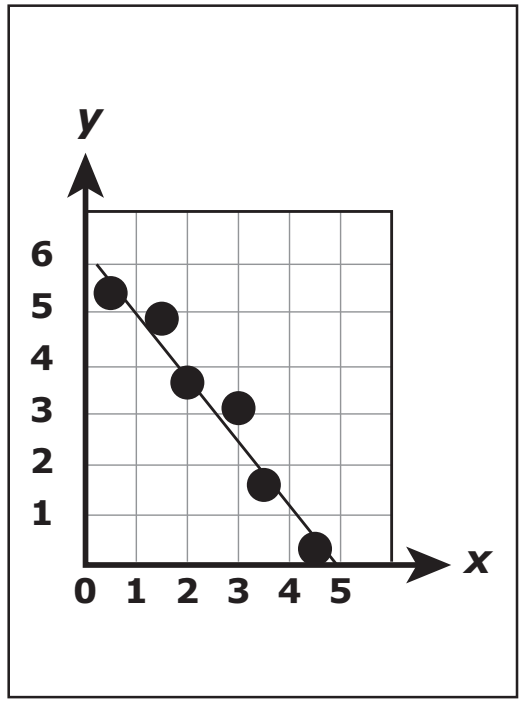
Task 7 Part B2

B



Task 7 Part B2

C



Task 7 Part B2

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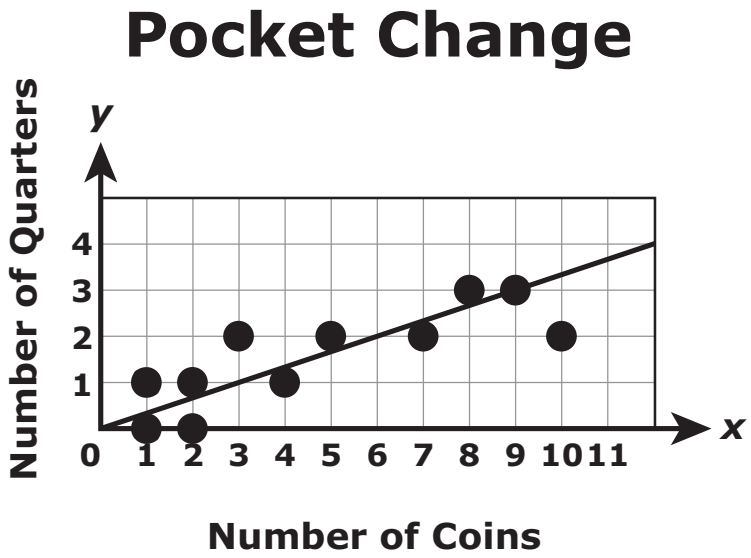

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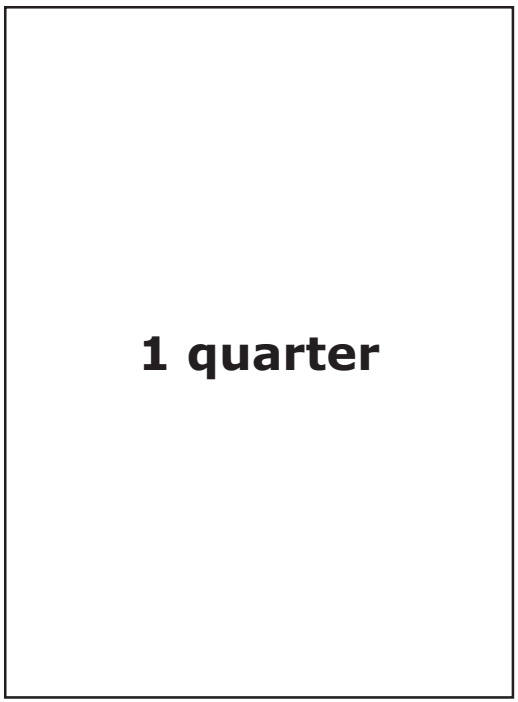
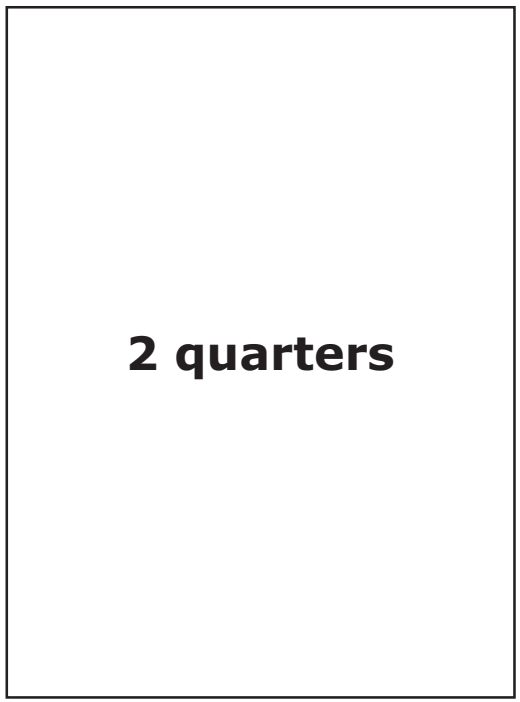
A



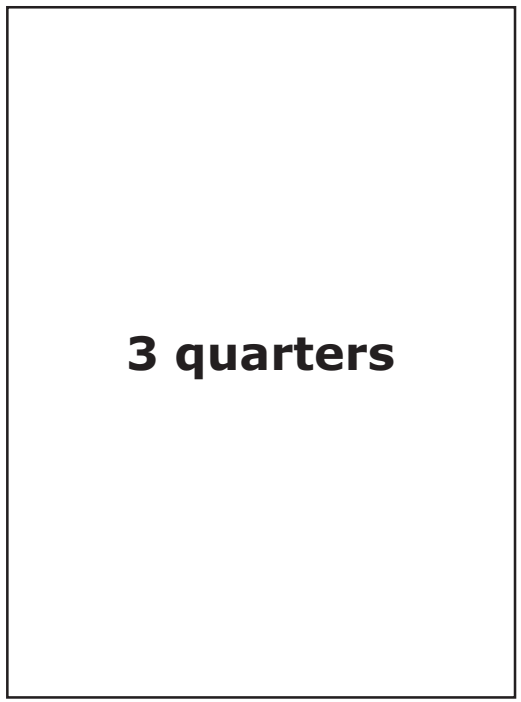
Task 7 Part C2

B



Task 7 Part C2

C



Task 7 Part C2

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