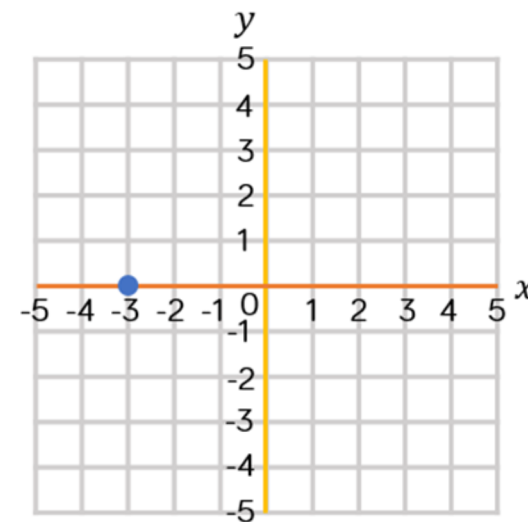


π

THURSDAY 2/7/20

- 1) Write one half as a percentage.
- 2) Calculate 0.8×6
- 3) What are the coordinates of the point?
- 4) Write down two factors of 12



1) Write one half as a percentage. **50%**

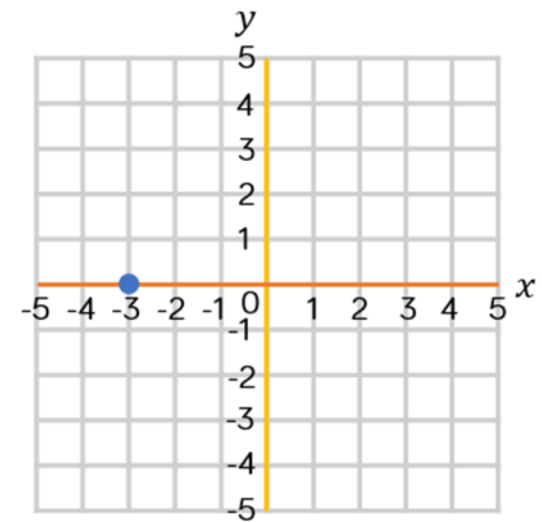
2) Calculate 0.8×6 **0.48**

3) What are the coordinates of the point?

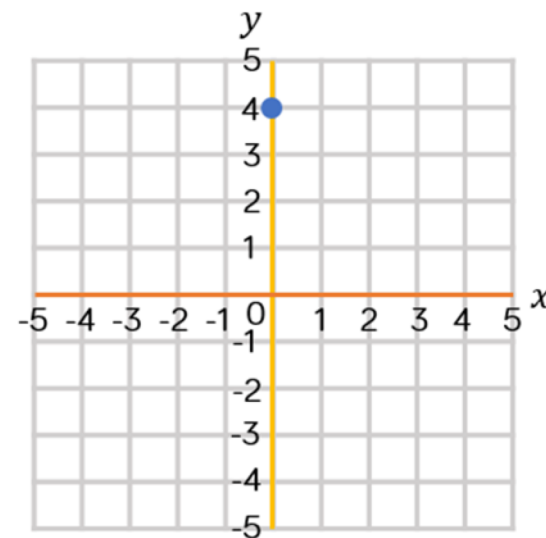
$(-3, 0)$

4) Write down two factors of 12

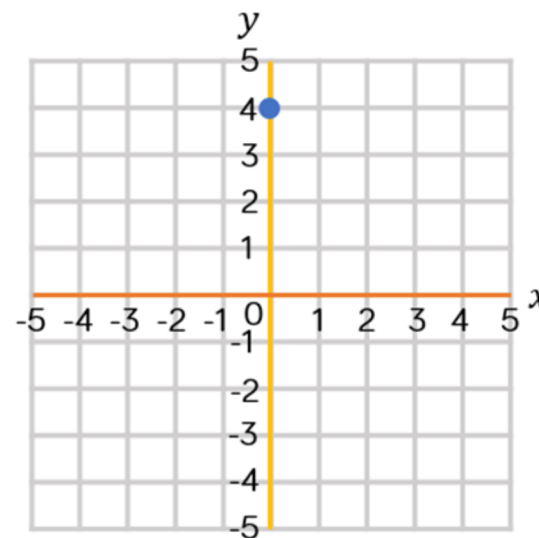
Any two of 1, 2, 3, 4, 6 and 12



- 1) Work out 25% of £20
- 2) Write 0.7 as a percentage
- 3) What are the coordinates of the point?
- 4) Work out 5.3×7



- 1) Work out 25% of £20 £5
- 2) Write 0.7 as a percentage 70%
- 3) What are the coordinates of the point?
 (0, 4)
- 4) Work out 5.3×7 37.1



Dividing (Whole numbers)

$637 \div 5 = \boxed{}$

$1,036 \div 8 = \boxed{}$

Use these multiples of 13 to help you complete these division questions

13	26	39	52	65	78	91	104	117
----	----	----	----	----	----	----	-----	-----

13	2	7	3		

13	4	4	2		

13	7	9	3		

13	8	7	1		

Dividing (Answers)

$$637 \div 5 = \boxed{127r2} \quad \text{Or } 127.4$$

$$1,036 \div 8 = \boxed{129r4} \quad \text{Or } 129.5$$

Use these multiples of 13 to help you complete these division questions

13	26	39	52	65	78	91	104	117
----	----	----	----	----	----	----	-----	-----

			21		
13	2	7	13		

			34		
13	4	4	52		

			61		
13	7	9	13		

			67		
13	8	7	91		

Dividing (Whole numbers)

Continue the sequence.

12, 24, 36, 48, 60, , , ,

Complete the short divisions.

	12	6	2	5	2	

	12	2	0	0	4	

	12	1	1	8	8	

Dividing (Answers)

Continue the sequence.

12, 24, 36, 48, 60, 72, 84, 96, 108

Complete the short divisions.

		0	5	2	1	
12		6	2	5	2	

		0	1	6	7	
12		2	0	8	0	4

		0	0	9	9	
12		1	1	8	8	

Dividing (Whole numbers)

Continue the sequence:

23	46	69						
----	----	----	--	--	--	--	--	--

- b) Calculate $943 \div 23$
- c) Calculate $345 \div 23$
- d) Calculate $621 \div 23$

Dividing (Answers)

Continue the sequence:

23	46	69	92	115	138	161	184	207
----	----	----	----	-----	-----	-----	-----	-----

Calculate $943 \div 23 = 41$

Calculate $345 \div 23 = 15$

Calculate $621 \div 23 = 27$

Dividing (Whole numbers)

Which of these cards give the same answer?

$$2,730 \div 35$$

$$2,088 \div 24$$

$$2,418 \div 31$$

Dividing (Answers)

Tick the cards that give the same answer.

$$2,730 \div 35$$



$$2,088 \div 24$$



$$2,418 \div 31$$



$$2730 \div 35 = 78$$

$$2088 \div 24 = 87$$

$$2418 \div 31 = 78$$

Dividing (Whole numbers)

Amir is making flags. He sews 19 stars and 31 hearts onto each flag.
He has 589 stars and 899 hearts.

How many flags can he complete?

Dividing (Answers)

Amir is making flags. He sews 19 stars and 31 hearts onto each flag.
He has 589 stars and 899 hearts.

How many flags can he complete?

$$589 \div 19 = 31$$

$$899 \div 31 = 29$$

Dividing (Whole numbers)

Toby has calculated $1368 \div 4$ incorrectly.
Can you spot his error and correct it?

$$\begin{array}{r} 842 \\ 4 \overline{) 1368} \end{array}$$

Dividing (Answers)

Toby has calculated $1368 \div 4$ incorrectly.

Can you spot his error and correct it?

This should be 3

The answer should be 342

$$\begin{array}{r} 842 \\ 4 \overline{) 1368} \\ \underline{4} \\ 9 \\ \underline{8} \\ 16 \\ \underline{16} \\ 8 \\ \underline{8} \\ 0 \end{array}$$

He should have carried 1 over not 3

This is correct

Decimals (Division)

Remember to line up decimal points
when calculating with decimals)

Dividing (Decimal numbers)

Brett uses short division to work out $13.2 \div 6$

		0	2	.	2
6		1	3	.	2

Use short division to work out the calculations.

a)

			.		
7		2	2	.	4

b)

			.			
8		1	8	.	4	8

Put your decimal point on the top line inline with the decimal point below

Dividing with decimals (Answers)

Brett uses short division to work out $13.2 \div 6$

		0	2	.	2	
	6		1	3	.	2

Use short division to work out the calculations.

a)

		0	3	.	2	
	7		2	2	.	4

b)

		0	2	.	3	1	
	8		1	8	.	4	8

Dividing (Decimal numbers)

Work out the divisions.

a) $25.6 \div 8$

c) $18.48 \div 6$

e) $202.35 \div 3$

b) $14.8 \div 4$

d) $19.45 \div 5$

f) $105.12 \div 9$

Dividing with decimals (Answers)

Work out the divisions.

a) $25.6 \div 8 = 3.2$

d) $3.89 = 19.45 \div 5$

b) $14.8 \div 4 = 3.7$

e) $202.35 \div 3 = 67.45$

c) $18.48 \div 6 = 3.08$

f) $105.12 \div 9 = 11.68$