Year 6

Number Awareness

Week 5

Negative Numbers

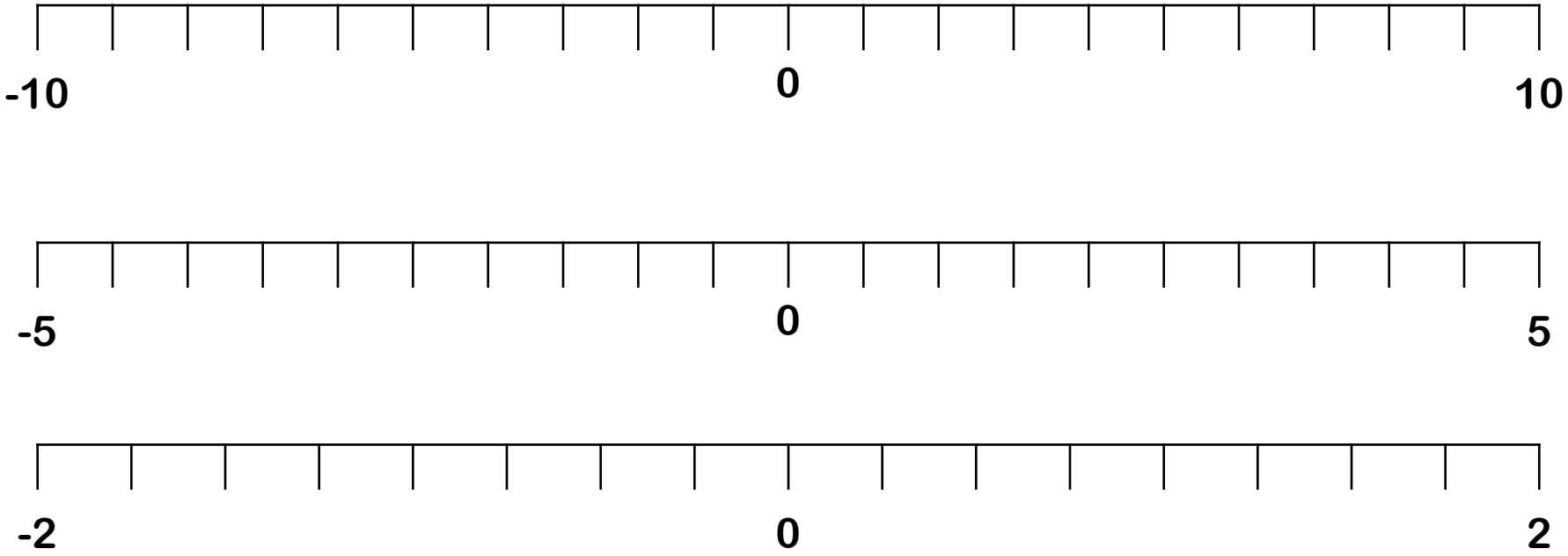
Negative Numbers

Notes for teachers in school or at home:

- Consolidate counting backwards past 0
- Reason about the difference between a positive and a negative number
- Use negative numbers in the context of coordinates
- Explore conjectures about negative numbers

Where is …

Count from left to right and right to left on each number line

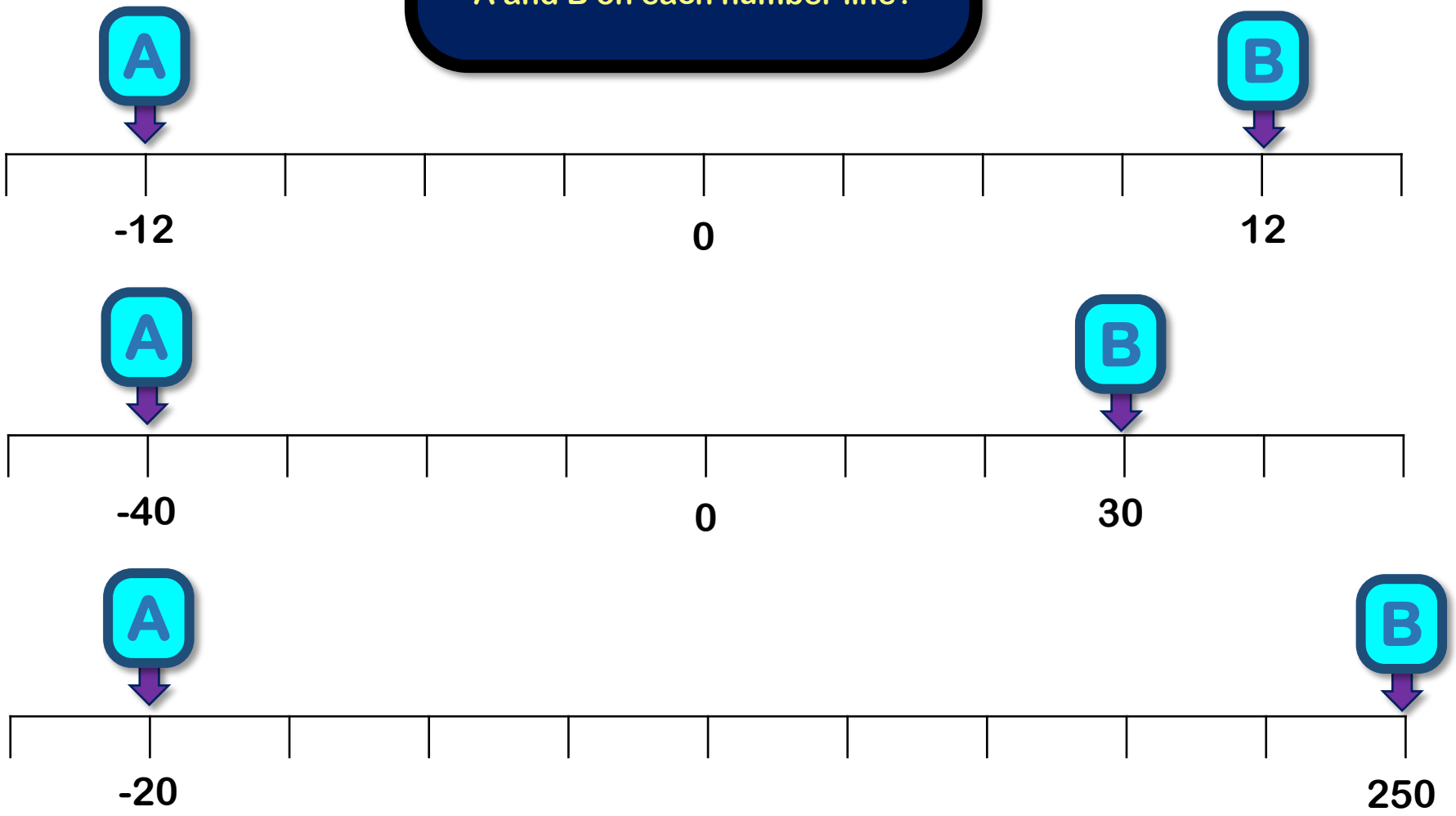


Place these numbers on each number line

- 1
- 0.5
-1.25
- ¼
-1 ¾
-0.75
$-\frac{6}{8}$
1
0.5
- 0.5
¾
1 ¼
1.75
$\frac{10}{8}$

Half-way between

What number is half-way between A and B on each number line?

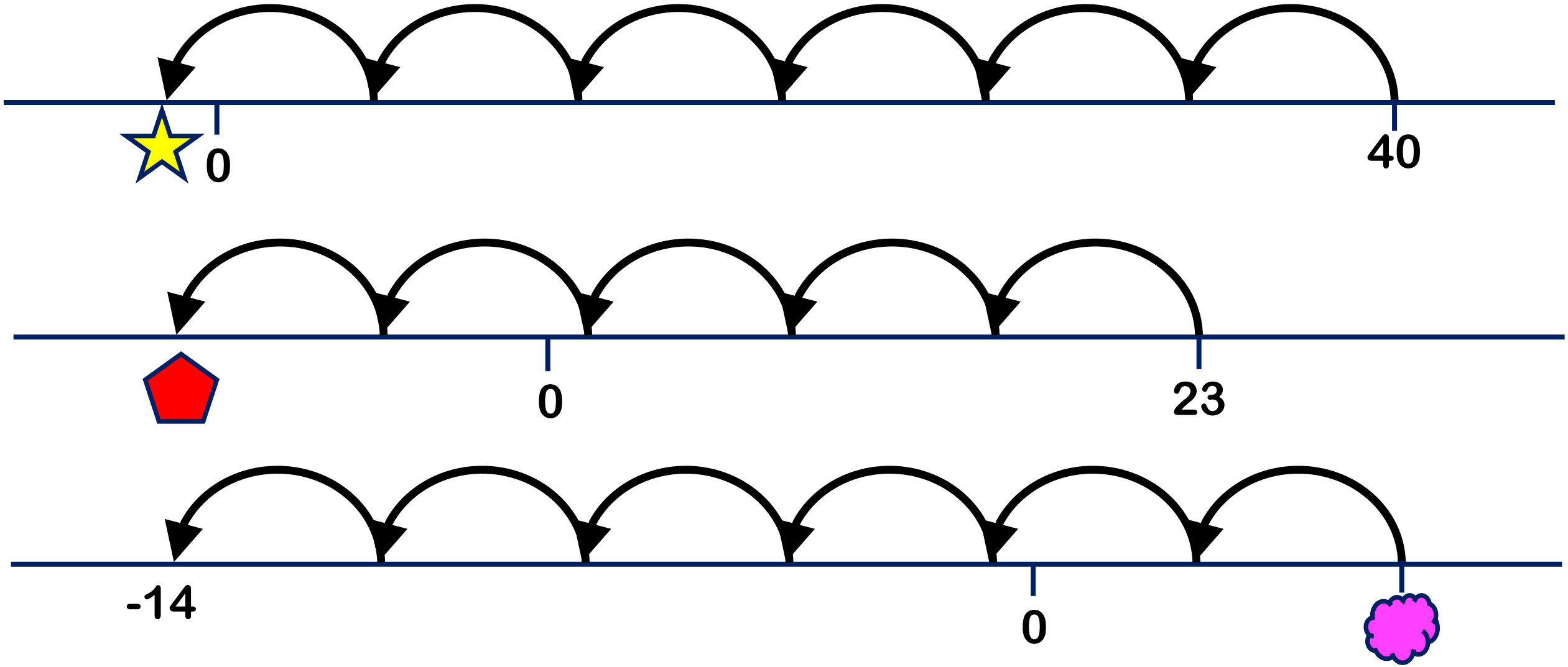


Week 5
Day 3

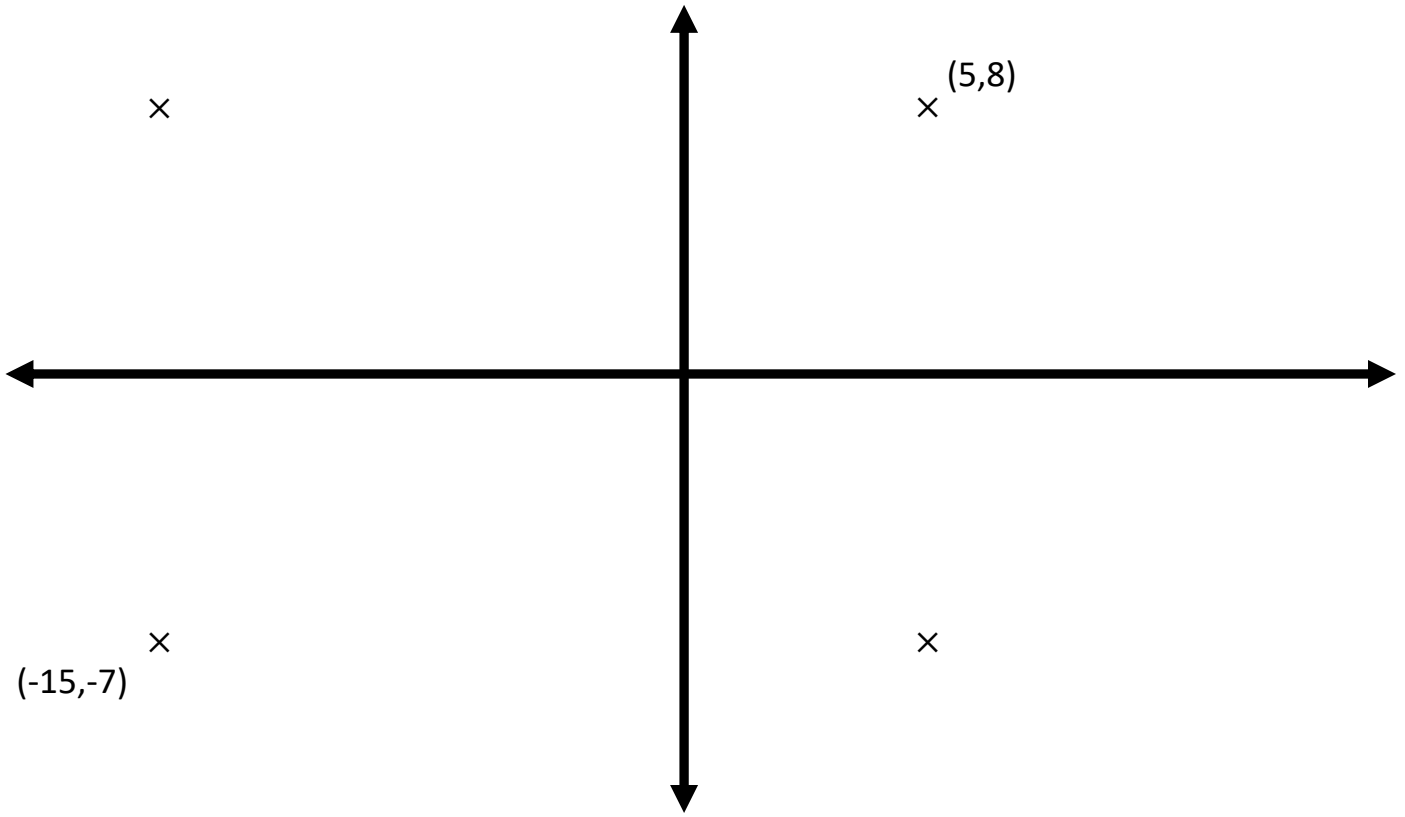
Times-tables?

CODE Maths Hub

Can you work out the mystery numbers?



Coordinates



Each × marks the corner of a rectangle.

What is the area of the rectangle?

Decide if each coordinate is inside or outside the rectangle

Coordinate	Inside?	Outside?
(10, 4)		
(-4, -10)		
(-10, 4)		
(-10, -4)		
(-10, -10)		

Conjectures

Negative numbers do not REALLY exist

0 is a positive number

- 4 is an even number

Decide if you agree or disagree.

What reasons would you give?

–1000 is a bigger number than 999

If you're on 0, then jump back 5, and another 5, and another 5 you land on – 15, so 3 lots of –5 is –15

If you add a number to a negative, you always get a negative answer