

Pakistan International School- English Section (PISJ-ES)



Solve like Guided practice

Challenge 1

Draw a line to match each number sequence to the rule that describes it.

- | | | |
|---------------------------------|---|-----------------|
| a 1, 3, 5, 7, 9, 11 | • | Increases by 3 |
| b 5, 10, 15, 20, 25, 30 | • | -2 |
| c 60, 50, 40, 30, 20, 10 | • | +2 |
| d 5, 8, 11, 14, 17, 20 | • | -4 |
| e 22, 18, 14, 10, 6, 2 | • | +5 |
| f 28, 26, 24, 22, 20, 18 | • | Decreases by 10 |
- (Note: Lines connect 'a' to '+5', 'b' to '+2', and 'c' to '-2'.)*

Challenge 2

1 These number sequences are based on the multiples of different numbers. Which times-table does each sequence show?

a 6, 12, 18, 24, 30

These are all multiples of . The pattern is .

b 40, 36, 32, 28, 24

These are all multiples of . The pattern is .

c 35, 30, 25, 20, 15

These are all multiples of . The pattern is .

d 54, 45, 36, 27, 18

These are all multiples of . The pattern is .

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2 Write the next two numbers in each sequence. Then write the rule.

a 25, 20, 15, 10, 5, ,

The rule is

b -4, -3, -2, -1, 0, ,

The rule is

c 53, 60, 67, 74, 81, ,

The rule is

d 22, 33, 44, 55, 66, ,

The rule is

e 45, 41, 37, 33, 29, ,

The rule is

Don't put (.) after your answers