

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

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

	2	
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. The pattern is

+6

.

b 40, 36, 32, 28, 24

These are all multiples of

4

. The pattern is

-4

.

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,

0

,

-5

The rule is

Decrease by 5

.

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

1

,

2

The rule is

Increase by 1

.

c 53, 60, 67, 74, 81,

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,

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The rule is

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.

d 22, 33, 44, 55, 66,

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,

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The rule is

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.

e 45, 41, 37, 33, 29,

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,

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The rule is

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Don't put (.) after your answers