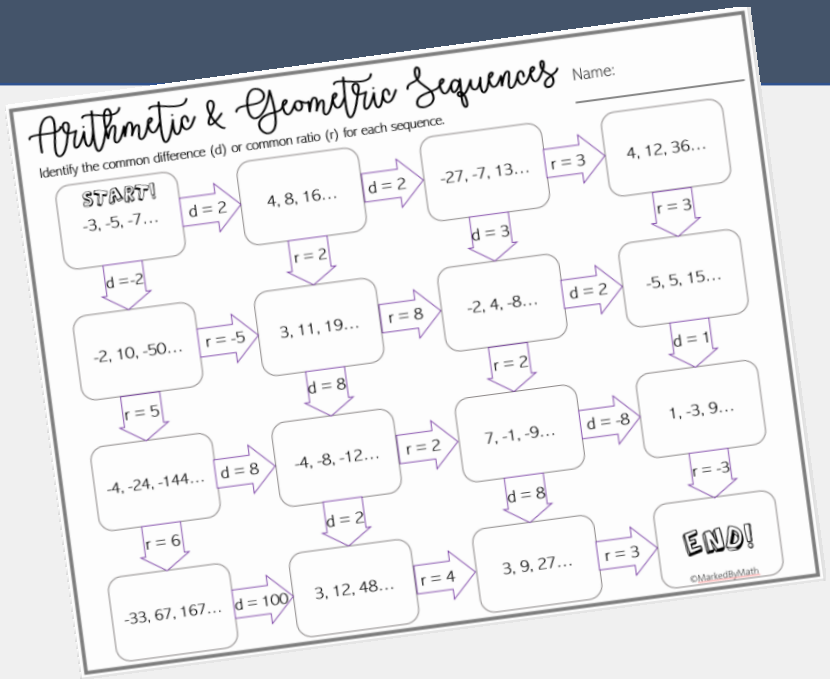
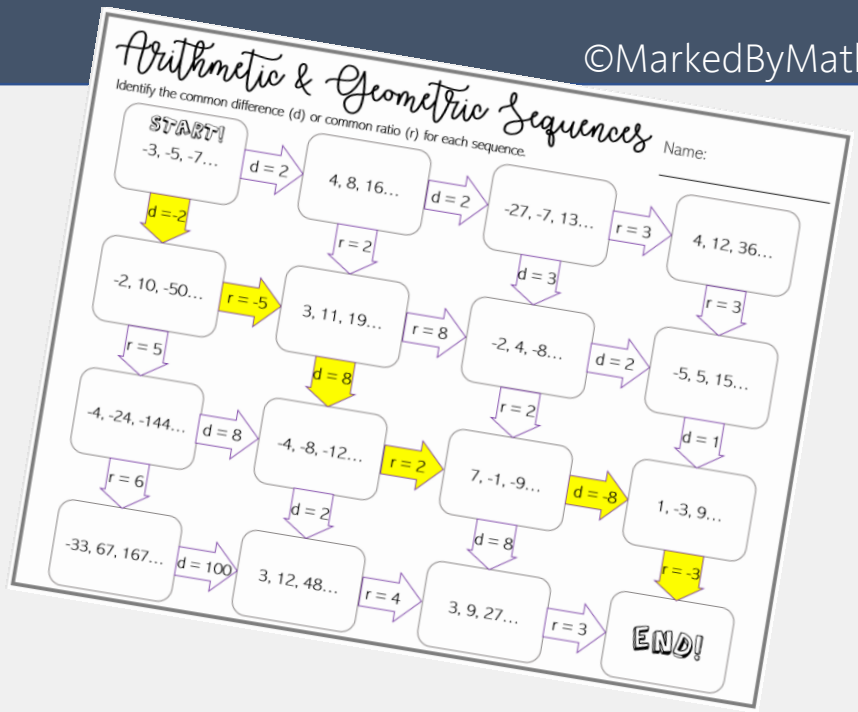
Arithmetic & Geometric Sequences MAZE!





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Arithmetic & Geometric Sequences

Name: _____

Identify the common difference (d) or common ratio (r) for each sequence.

START!

-3, -5, -7…

d = 2

4, 8, 16…

d = 2

-27, -7, 13…

r = 3

4, 12, 36…

d = -2

r = 2

d = 3

r = 3

-2, 10, -50…

r = -5

3, 11, 19…

r = 8

-2, 4, -8…

d = 2

-5, 5, 15…

r = 5

d = 8

r = 2

d = 1

-4, -24, -144…

d = 8

-4, -8, -12…

r = 2

7, -1, -9…

d = -8

1, -3, 9…

r = 6

d = 2

d = 8

r = -3

-33, 67, 167…

d = 100

3, 12, 48…

r = 4

3, 9, 27…

r = 3

END!

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Arithmetic & Geometric Sequences

Name: Answer Key

Identify the common difference (d) or common ratio (r) for each sequence.

START!

-3, -5, -7…

d = 2

4, 8, 16…

d = 2

-27, -7, 13…

r = 3

4, 12, 36…

d = -2

r = 2

d = 3

r = 3

-2, 10, -50…

r = -5

3, 11, 19…

r = 8

-2, 4, -8…

d = 2

-5, 5, 15…

r = 5

d = 8

r = 2

d = 1

-4, -24, -144…

d = 8

-4, -8, -12…

r = 2

7, -1, -9…

d = -8

1, -3, 9…

r = 6

d = 2

d = 8

r = -3

-33, 67, 167…

d = 100

3, 12, 48…

r = 4

3, 9, 27…

r = 3

END!

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