Relations and Functions — Practice Test

Saskatchewan Foundations of Mathematics and Pre-calculus 10 • 10 questions

This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, use the Flag a mistake button to let Brett know so he can fix it.

1 **The slope of the line through (0, 2) and (5, 7) is**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **The y-intercept of the line 5x - 3 is**

A 5

B 3

C -3

D 0

Understand It with Pulse | Flag a mistake

3 The domain of the relation {(-3, 0), (-2, 1), (-1, -1)} is

- A {-1, 0, 1}
- B {-3, -2, -1}
- C {2, 3, 4}
- D {-3, -2}

Understand It with Pulse | Flag a mistake

4 The equation of the line with slope 3 and y-intercept 1 is

- A y = x + 3
- B y = -3x + 1
- C y = 3x - 1
- D y = 3x + 1

Understand It with Pulse | Flag a mistake

5 **The slope of the line through (0, 4) and (5, 9) is**

ANSWER _____

Understand It with Pulse | Flag a mistake

6 **The y-intercept of the line x - 2 is**

A 1

B 2

C -2

D 0

Understand It with Pulse | Flag a mistake

7 **The slope of the line through (1, 10) and (7, 40) is**

ANSWER _____

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8 **The slope of the line through (1, 4) and (5, 8) is**

ANSWER _____

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9 **The slope of the line through (3, 7) and (8, 17) is**

ANSWER _____

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10 **The slope of the line through (3, 4) and (9, 10) is**

ANSWER _____

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ANSWER KEY

1.	1	**5.**	1	**9.**	2
2.	C	**6.**	C	**10.**	1
3.	B	**7.**	5		
4.	D	**8.**	1		

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