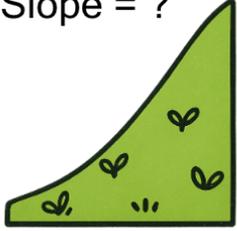# Slope of a Concept Picture from Rise and Run - As Equation

Name _____

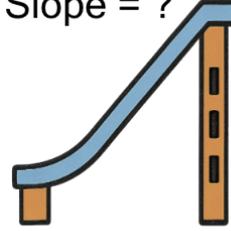**1**

Slope = ?

Rise = 8

Run = 3

How would you calculate the slope of the hill given that slope is rise/run?

| A | $3 \cdot 8$ | B | $\dfrac{8+3}{8-3}$ |
|---|---|---|---|
| C | $\dfrac{8}{3}$ | D | $\dfrac{3}{8+3}$ |
| E | $-3 \cdot 8$ | | |

**2**

Slope = ?

Rise = 1

Run = 6

How would you calculate the slope of the ski jump given that slope is rise/run?

| A | $6 \cdot 1$ | B | $\dfrac{1}{6}$ |
|---|---|---|---|
| C | $\dfrac{6}{1}$ | D | $-6 \cdot 1$ |

**3**

Slope = ?
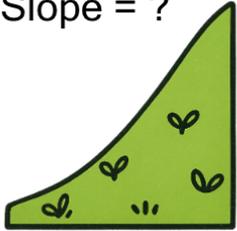
Rise = 10

Run = 9

How would you calculate the slope of the hill given that slope is rise/run?

| A | $\dfrac{10}{9}$ | B | $\dfrac{9}{10}$ |
|---|---|---|---|
| C | $\dfrac{9}{10+9}$ | | |

**4**

Slope = ?
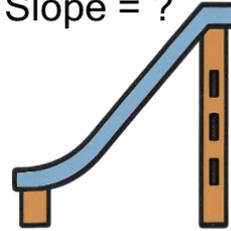
Rise = 6

Run = 10

How would you calculate the slope of the ski jump given that slope is rise/run?

| A | $\dfrac{-10}{6}$ | B | $\dfrac{6}{10}$ |
|---|---|---|---|
| C | $\dfrac{-6}{10}$ | D | $6 \cdot 10$ |

**5**

Slope = ?
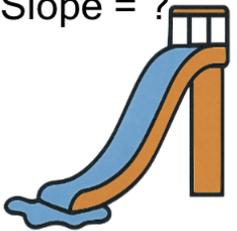
Rise = 1

Run = 5

How would you calculate the slope of the slide given that slope is rise/run?

| A | $\dfrac{1+5}{1-5}$ | B | $\dfrac{5}{1}$ |
|---|---|---|---|
| C | $\dfrac{1}{5}$ | | |

**6**

Slope = ?
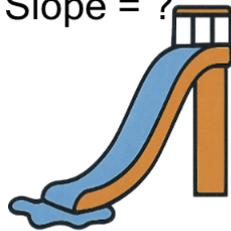
Rise = 3

Run = 9

How would you calculate the slope of the slide given that slope is rise/run?

| A | $\dfrac{3}{9}$ | B | $\dfrac{3+9}{3-9}$ |
|---|---|---|---|
| C | $3 \cdot 9$ | D | $\dfrac{-3}{9}$ |
| E | $\dfrac{3}{-9}$ | | |

**7**

Slope = ?
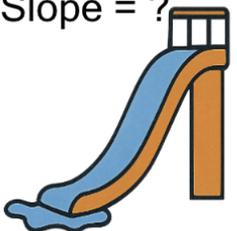
Rise = 7

Run = 9

How would you calculate the slope of the slide given that slope is rise/run?

| A | $-9 \cdot 7$ | B | $9 \cdot 7$ |
|---|---|---|---|
| C | $7 \cdot 9$ | D | $\dfrac{7}{9}$ |

**8**

Slope = ?
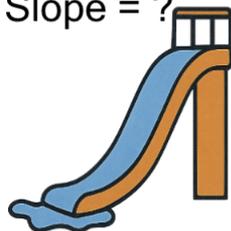
Rise = 2

Run = 6

How would you calculate the slope of the slide given that slope is rise/run?

| A | $\dfrac{-2}{6}$ | B | $\dfrac{-6}{2}$ |
|---|---|---|---|
| C | $\dfrac{6}{2}$ | D | $\dfrac{2}{6}$ |