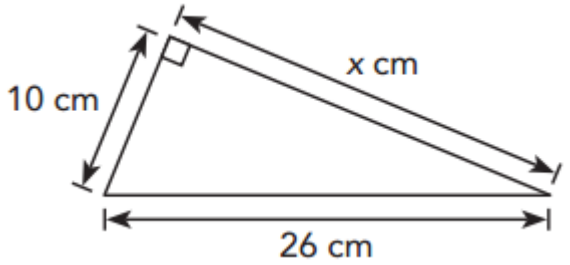
Week 1 Monday Course 3 Warm-up

Find the Slope
(17, -13) (17, 8)

Pythagorean Theorem



Simplify the Expression
Write in Exponential Notation

$$28m^7n^4 \div 7m^3n^2$$

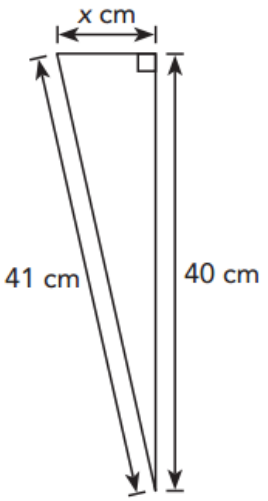
Simplify Expression
Write as positive exponent

$$\frac{\left(\frac{x}{2}\right)^3 \cdot \left(\frac{x}{2}\right)^4}{\left(\frac{x^3}{2}\right)^2}$$

Week 1 Tuesday Course 3 Warm-up

Find the Slope
(19, 3) (20, 3)

Pythagorean Theorem



Simplify the Expression
Write in Exponential Notation

$$\frac{a^9 \cdot a^2 \cdot a^3}{a^6 \cdot a^3 \cdot a^4}$$

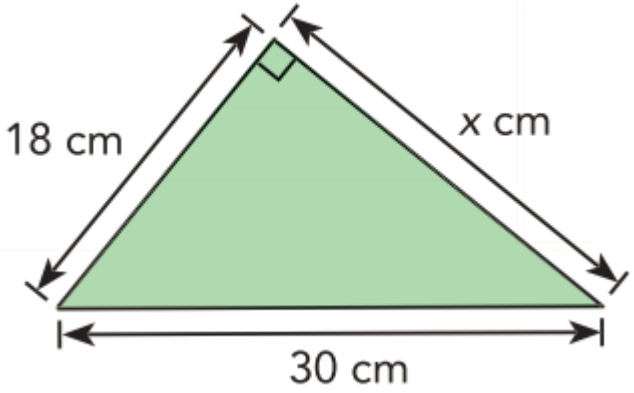
Simplify Expression
Write as positive exponent

$$(c^7 \cdot c^3)^4 \div 6c^2$$

Week 1 Wednesday Course 3 Warm-up

Find the Slope
(3, 0) (-11, -15)

Pythagorean Theorem



Simplify the Expression
Write in Exponential Notation

$$\frac{3x^3 \cdot z^4 \cdot 4x^3}{2x \cdot x \cdot 3z}$$

Simplify Expression
Write as positive exponent

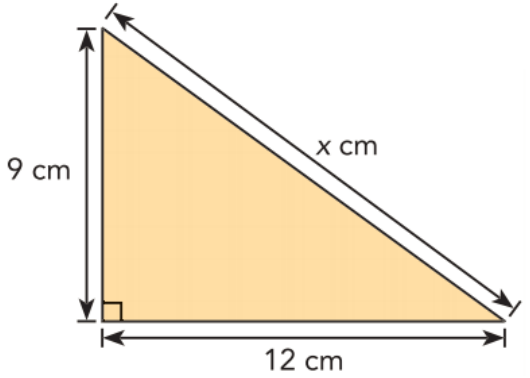
$$\frac{\left(\frac{2}{3}\right)^2 \cdot \left(\frac{2}{3}\right)^6}{\left(\frac{2^2}{3^2}\right)^3}$$

Week 1 Thursday Course 3 Warm-up

Find the Slope

(19, -2) (-11, 10)

Pythagorean Theorem



Simplify the Expression
Write in Exponential Notation

$$\left[\left(-\frac{4}{9}\right)^2 \cdot \left(-\frac{4}{9}\right)^3\right]^2$$

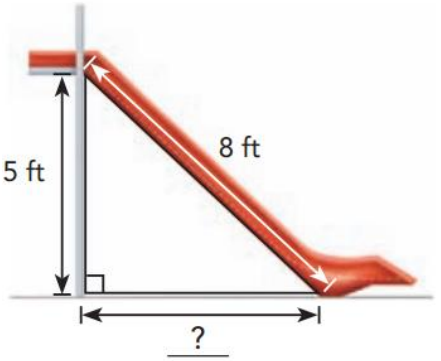
Simplify Expression
Write as positive exponent

$$(q^5 \cdot q^2)^3 \div 5q^5$$

Week 1 Friday Course 3 Warm-up

Find the Slope
(20, 8) (9, 16)

Kendrick wants to build a slide for his son in the backyard. He buys a slide that is 8 feet long. The height of the stairs is 5 feet. Find the distance from the bottom of the stairs to the base of the slide.



Simplify the Expression
Write in Exponential Notation

$$\frac{(3^4 \cdot 3^2)^4}{(3^5)^2}$$

Simplify Expression
Write as positive exponent

$$\frac{(b \cdot b^3)^5}{(b^2)^4}$$