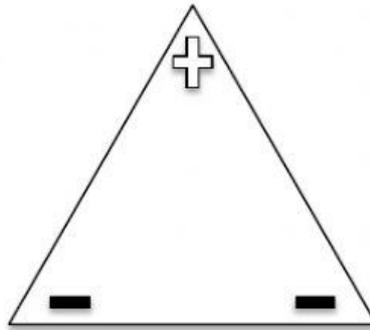At the end of this lesson, you should be able to:
☐ Multiply and divide integers using the sign triangle.

Operations
With Integers

MULTIPLYING AND DIVIDING INTEGERS

USE THIS TRIANGLE TO FIND OUT THE SIGN OF YOUR ANSWERS

Example: Evaluate $(-2) \times (-4)$

$$-2 \times (-4) = \boxed{}(2 \times 4)$$

MULTIPLY THE NUMBERS

WHAT IS THE SIGN OF THE ANSWER?

So $-2 \times (-4) = \underline{}$

Example: Evaluate $24 \div (-6)$

$$24 \div (-6) = \boxed{}(24 \div 6)$$

DIVIDE THE NUMBERS

WHAT IS THE SIGN OF THE ANSWER?

So $24 \div (-6) = \underline{}$

MULTIPLYING AND DIVIDING INTEGERS

EXERCISE

Select and answer **10 questions** from the following.

EASY	MEDIUM	CHALLENGE
a) $2 \times (-4)$	a) $3 \times (-21)$	a) $(-3) \times 10 \times (-6)$
b) $(-6) \div 2$	b) $(-121) \div (-11)$	b) $(-42) \div 7 \times (-3)$
c) $(-7) \times (-3)$	c) $(-14) \times 12$	c) $5 + (-2) \times 10$
d) $8 \div (-4)$	d) $205 \div (-5)$	d) $(-18 + 3) \div (-15)$
e) $(-18) \div (-2)$	e) $(-9)^2$	e) $(-2)^2 + (-4)^3$
f) $(-4) \times 8$	f) $\frac{-24}{12}$	f) $(-6) \times 3 + 25 \div (-5)$