Unit 2: Integers

1. Can you **add** integers?
   (+12) + (+23) =

   (+12) + (-23) =

   (-12) + (+23) =

   (-12) + (-23) =

2. Can you **subtract** integers? Tip: add the opposite
   (+12) - (+23) =

   (+12) - (-23) =

   (-12) - (+23) =

   (-12) - (-23) =

3. Can you **multiply** integers?
   (+8) x (+6) =

   (+8) x (-6) =

   (-8) x (+6) =

   (-8) x (-6) =

4. Can you **divide** integers?
   (+24) ÷ (+4) =

   (+24) ÷ (-4) =

   (-24) ÷ (+4) =

   (-24) ÷ (-4) =

5. a) In a basic equation, when do you get a **positive integer** as an answer?

   b) In a basic equation, when do you get a **negative integer** as an answer?

6. Define **sum, difference, product** and **quotient**.

7. A golf tournament is nine rounds. Katie shot -1 in two rounds, -2 on one round, and +3 on another two rounds, +1 on three rounds and a +5 on one round. What was Katie's final score?

8. What is **Order of Operations** and when do you use it?

9. Solve the following:
   a) (-5) + (-12) ÷ (-3) =

   b) (-3) x (+7) ÷ (-2) + 5 =

   c) [7 – (-2)] x 2 + (-12) ÷ (-4)

   d) $[(-9) – (-2)] \times 8^2 + (-15) \div (-5) – [(-3) + (-2)]$