

**POTENT ACADEMY REVISION SERIES
MATHEMATICAL ACTIVITIES
GRADE 8 | MODEL 01**

Name _____ Date _____

Instructions: Answer ALL the questions in the spaces provided.

1. Write twenty three million, eight hundred and fifteen thousand, and nine in symbols.

2. Work out

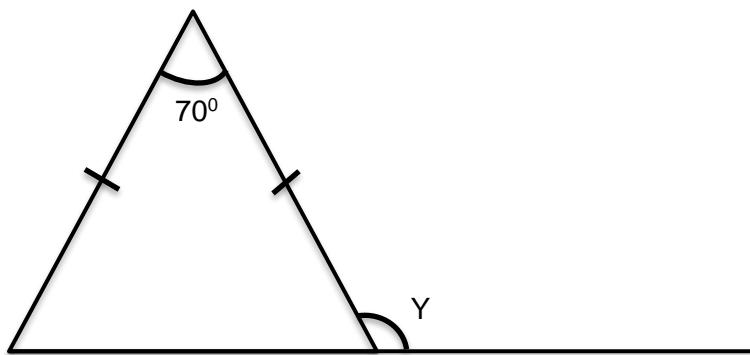
$$3\frac{1}{4} \times 2\frac{2}{5} + \frac{1}{2} \div \frac{3}{4} - 1\frac{1}{8}$$

3. Find the place value of digits 5 and 8 in the following number: 125.078.

4. Test whether the following number is divisible by 9 (apply divisibility test for 9):

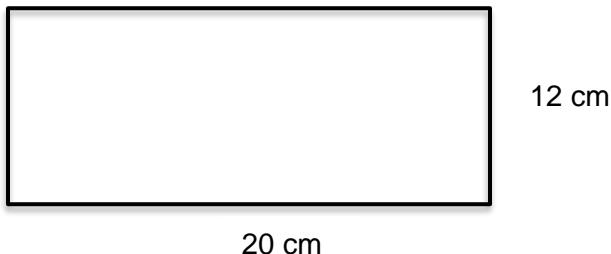
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5. The interior angles of a triangle are as shown below. Find the value of Y.



6. Find the square root of 225 using the factor method.

7. Work out the area of a rectangle with a length of 20cm and a width of 12cm.



8. The width of a rectangle is W cm. The length is 7cm longer than the width. Write and simplify an expression for the perimeter of the rectangle.

9. Calculate the value of x :

$$\frac{2x-5}{3} = 7$$

10. Calculate the circumference of a circle whose radius is 7cm (Take $\pi=722$).

