

Name: _____

Math 10W Unit 3 Assessment Quiz 1

*show all of your work.

1) What are the **COMMON** units we use to measure with in the **metric system**?

2) What are the **COMMON** units we use to measure with in the **imperial system**?

3) Write the most appropriate common unit in the system given that you would use to measure the following.

a) an eraser (imperial) _____

b) length of the school (metric) _____

c) length of the school (imperial) _____

d) length of a whiteboard marker (metric) _____

Use your Formula Sheet to help you answer the following 5 questions. Circle the most appropriate answer to each question: (1 mark each)

4. How many inches are in 4.7 feet?
 - a. 0.4 inches
 - b. 14.1 inches
 - c. 56.4 inches
 - d. 8272 inches

5. How many centimetres are in 67.8 metres?
 - a. 0.678 cm
 - b. 6.78 cm
 - c. 678 cm
 - d. 6780 cm

6. How many kilometres are in 16 504 metres?
 - a. 1.6504 kilometres
 - b. 16.504 kilometres
 - c. 165.04 kilometres
 - d. 1650.4 kilometres

7. How many inches are in 123 centimetres?
 - a. 48.43 in
 - b. 307.5 in
 - c. 312.42 in
 - d. 1230.7 in

8. How many kilometres in 160 miles?
 - a. 99.42 km
 - b. 160 km
 - c. 257.44 km
 - d. 1600 km