5ᵗʰ Grade Placement Test

1. a. 1. Round 4.123 to the nearest hundredth. _____
   2. Round 13.082 to the nearest tenth. _____

   b. 1. Round off 6,296,942 to nearest million: _____
   2. Round off 6,296,942 to nearest hundred thousand: _____

2. a. 1. Write each value as a decimal:

      i. 17/1000 = _____

      ii. 3/20 = _____

      iii. 6% = _____

   b. 1. What is 30% of 20?

      2. What is 25% of 48?

3. Fill in the blank with a whole number:

$$5^2 = \underline{\hspace{3cm}}$$
$$5^3 = \underline{\hspace{3cm}}$$

4. Write these numbers as the product of their prime factors.

   a. 48 _____

   b. 36 _____

5. Write the answer:

1. -4 - 3 = _____

2. -7 + 3 = _____

3. -3 + 7 = _____

4. -4 + (-3) = _____

5. -2 + (-7) = _____

6. -2 - (-7) = _____

6. Write the answers:

a. $\dfrac{3}{4} + \dfrac{2}{3} = \dfrac{\Box}{\Box}$

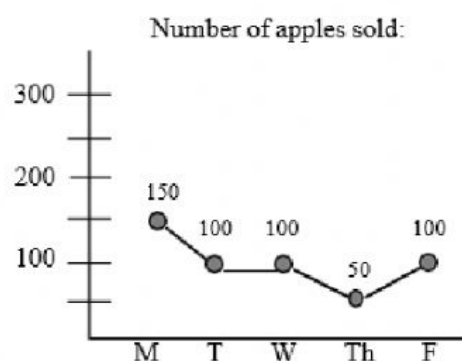b. $2 - \dfrac{1}{3} = \dfrac{\Box}{\Box}$

7. Write the answers:

a. $\dfrac{3}{4} \times \dfrac{8}{9} = \dfrac{\Box}{\Box}$

b. $\dfrac{2}{5} \div \dfrac{1}{2} = \dfrac{\Box}{\Box}$
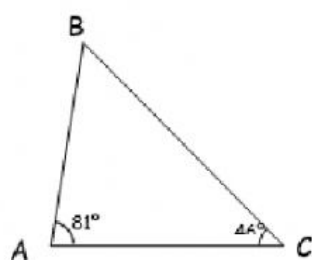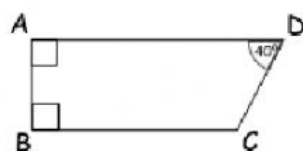
8.

Number of apples sold:

a. How many apples were sold all together this week? _____

b. How many more apples were sold on Monday than on Friday? _____

9. Examine the figures and answer the questions:

B

$81°$ $46°$

A   C

a.   ∠ B = _____

A   D
            $40°$

B   C

b.   How many degrees in angle BCD? _____