Name: _____   Date: _____

6 Practice Test

For #1 to #5, choose the correct answer.

1. Which expression *does not* equal $4 \times \dfrac{1}{3}$?

   A $1\dfrac{1}{3}$ **B** $\dfrac{4}{3}$

   C $\dfrac{1}{3} \times 4$ **D** $\dfrac{1}{3} \times \dfrac{1}{3} \times \dfrac{1}{3} \times \dfrac{1}{3}$

2. Which expression equals $\dfrac{4}{5} \div \dfrac{2}{3}$?

   A $\dfrac{4}{5} \times \dfrac{2}{3}$ **B** $\dfrac{5}{4} \times \dfrac{3}{2}$

   C $\dfrac{4}{5} \times \dfrac{3}{2}$ **D** $\dfrac{5}{4} \times \dfrac{2}{3}$

3. What is the reciprocal of $\dfrac{2}{3}$?

   A $\dfrac{4}{3}$ **B** $\dfrac{3}{2}$

   C $\dfrac{3}{1}$ **D** $\dfrac{4}{6}$

4. What is the value of the expression $\dfrac{1}{2} + \dfrac{1}{6} \times \dfrac{3}{4}$?

   A $\dfrac{12}{24}$ **B** $\dfrac{5}{8}$

   C $\dfrac{23}{24}$ **D** $\dfrac{5}{4}$

   > Brackets, multiply or divide, then add or subtract.

5. What is $\dfrac{3}{4} \div \dfrac{5}{12}$ in lowest terms?

   A $\dfrac{9}{5}$ **B** $\dfrac{5}{16}$

   C $\dfrac{36}{20}$ **D** $\dfrac{15}{48}$

Name: _____ Date: _____

Short Answer

6. Calculate.
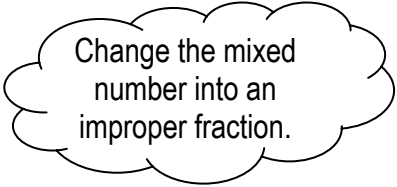
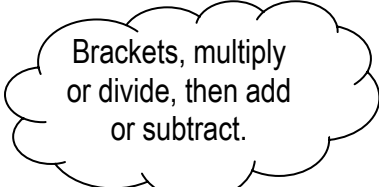   **a)** $\dfrac{3}{8} \times \dfrac{5}{6}$ **b)** $\dfrac{6}{5} \div \dfrac{7}{10}$

    c) $3\dfrac{3}{5} \times \dfrac{3}{8}$ Change the mixed number into an improper fraction.   **d)** $\left(1\dfrac{1}{4} + \dfrac{3}{4}\right) \div 1\dfrac{1}{2}$ Brackets, multiply or divide, then add or subtract.

7. Leisha worked $6\dfrac{1}{2}$ h for \$14/h.
How much did she earn?

Sentence: _____

8. In computer terminology, a bit is $\dfrac{1}{8}$ of a byte.

How many bits are needed to make 16 bytes?

Sentence: _____

9. Printer paper is sold in packages of 500 sheets.

If a printing job uses $1\dfrac{3}{4}$ packages of paper, how many sheets were used?

Sentence: _____