WEB MATH MINUTE

NAME _____

SCORE _____

80 ÷ 10	16 ÷ 2	7 × 12	120 ÷ 12	5 × 2	8 ÷ 8	12 ÷ 3	6 × 10	8 × 2	7 × 8

36 ÷ 12	3 × 7	12 × 8	10 × 4	55 ÷ 5	60 ÷ 5	30 ÷ 10	72 ÷ 9	2 × 11	12 × 2

77 ÷ 11	3 × 6	70 ÷ 7	8 × 8	4 × 7	2 × 6	5 × 3	24 ÷ 2	84 ÷ 12	1 ÷ 1

36 ÷ 3	90 ÷ 10	84 ÷ 7	2 × 9	5 × 8	1 × 5	3 ÷ 1	28 ÷ 7	6 × 3	1 × 2

7 × 10	20 ÷ 5	22 ÷ 2	108 ÷ 9	10 × 5	50 ÷ 10	3 × 10	56 ÷ 8	50 ÷ 5	33 ÷ 11

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1 Find the products.

    a $\frac{1}{4}$ of 6 = _____

    b $\frac{1}{5} \times 30$ = _____

    c $\frac{1}{3}$ of 27 = _____

    d $\frac{3}{4}$ of 6 = _____

    e $\frac{4}{5} \times 30$ = _____

    f $\frac{2}{3} \times 27$ = _____

2 True or False?

    a $\frac{1}{4} \times 9 = 2\frac{1}{4}$ T   F

    b $\frac{3}{5}$ of 25 = 15   T   F

    c $\frac{2}{5}$ of 15 = $5\frac{2}{5}$ T   F

    d $18 \times \frac{1}{5} = \frac{5}{18}$ T   F

    e $\frac{2}{6} \times 24 = 14$ T   F

    f $17 \times \frac{1}{3} = \frac{17}{3}$ T   F

3 Pete rode his dirt bike $\frac{2}{3}$ of the 150-mile course. How many miles did Pete ride? Show your work.

4 Kim says that multiplying $\frac{1}{4} \times 12$ is the same as dividing 12 by 4. Do you agree with Kim? Explain your answer.

NAME _____ | DATE _____

More Fractions of Wholes page 2 of 2

Review

5   Round each number to the nearest tenth and hundredth.

Number	Rounded to the Nearest Tenth	Rounded to the Nearest Hundredth
131.094		
45.655		
934.705		
100.550		

6   Evaluate each of the following.

a $6 \times (5 \times 12) = $ _____

b $(18 \times 13) + (2 \times 13) = $ _____

c $(75 \div 3) \times 10 = $ _____

d $(117 \times 4) - (7 \times 4) = $ _____

7   Six friends had lunch together and decided to split the bill evenly.

a   If the bill was $48.60, what was each person's share? Show your work.

b   After tax and tip, the bill totaled $63.00. What was each person's share? Show your work.

8   CHALLENGE Vivian loves to paint in the evenings after school. She is working on three paintings. She needs 4 brushes, 3 canvases, and 12 small tubes of paint. Brushes cost $0.75 each, canvases cost $5.99 each, and tubes of paint costs $1.89 each.

a   Write an expression to determine Vivian's cost, then solve the problem.

b   Help Vivian determine the average cost per painting. Write an expression and then solve the problem.

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