Name _____   **Date** _____

Homework

Solve. Watch the signs. The operations are mixed.

1. $\frac{3}{4} \times \frac{1}{8} =$ _____

2. $\frac{2}{3} - \frac{1}{9} =$ _____

3. $\frac{1}{10} + \frac{1}{5} =$ _____

4. $\frac{2}{7} \times 12 =$ _____

5. $\frac{1}{5} + \frac{2}{3} =$ _____

6. $\frac{1}{4} + \frac{3}{8} =$ _____

7. $\frac{5}{7} \times \frac{5}{6} =$ _____

8. $\frac{11}{12} + 3 =$ _____

9. $\frac{4}{9} - \frac{2}{9} =$ _____

10. $\frac{1}{3} \times \frac{1}{8} =$ _____

11. $\frac{7}{8} \times \frac{3}{4} =$ _____

12. $10 - \frac{1}{9} =$ _____

Solve. Simplify before multiplying if you can.   *Show your work.*

13. Rodrigo's fish bowl holds $\frac{7}{8}$ of a gallon of water. It is now $\frac{1}{2}$ full. How much water is in it?

_____

14. Kenya's long jump is $7\frac{1}{6}$ feet long. Her friend Janet's is $6\frac{1}{3}$ feet long. How much longer is Kenya's jump than Janet's?

_____

15. A group of hikers walked $8\frac{7}{10}$ miles to Caribou Cave and then $5\frac{1}{5}$ miles to Silver Stream. How far did they walk altogether?

_____

16. Estevan has a recipe that calls for $\frac{3}{4}$ cup of flour. He wants to make $\frac{1}{3}$ of the recipe. How much flour will he need?

_____

17. A truck was carrying $2\frac{1}{8}$ tons of sand. When it arrived, only $1\frac{1}{2}$ tons of sand were left. How much sand was lost along the way?

_____

18. On Greenfield's Chicken Farm, $\frac{5}{6}$ of the eggs usually hatch. This year only $\frac{2}{3}$ as many hatched. What fraction of the total eggs hatched this year?

_____

Remembering

Multiply or divide.

1. 7.33
   × 8

2. 0.83
   ×0.5

3. 3.14
   ×72

4. 9.69
   ×6.1

5. 8)6.56

6. 6)2.88

7. 4)0.12

8. 7)46.9

Is each triangle *equilateral*, *isosceles*, or *scalene*?
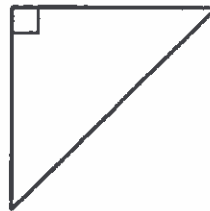
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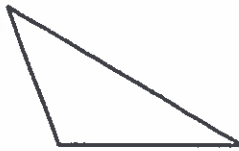
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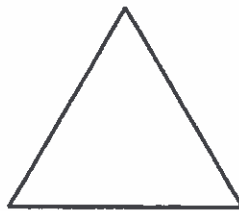
11.

12.

_____ _____ _____ _____

Write whether you would measure for *length*, *area*, or *volume*.

13. How much of the ground is covered by a tent?

_____

14. How far is it from the front door to the street?

_____

15. How much space is there inside a railroad car?

_____

16. How tall is an oak tree?

_____

17. How much water does an aquarium hold?

_____