

Homework

Solve. Watch the signs! Give your answer in the simplest form.

1. $\frac{5}{12} \div \frac{3}{4} =$ _____

2. $\frac{11}{15} \div \frac{2}{5} =$ _____

3. $\frac{10}{21} \div \frac{2}{3} =$ _____

4. $\frac{2}{3} \times \frac{3}{8} =$ _____

5. $\frac{5}{9} \times \frac{3}{5} =$ _____

6. $\frac{4}{5} \times \frac{3}{8} =$ _____

7. $\frac{8}{9} \div 3 =$ _____

8. $\frac{1}{12} \div \frac{3}{4} =$ _____

9. $\frac{3}{7} \times \frac{2}{3} =$ _____

10. $\frac{5}{6} \times \frac{4}{7} =$ _____

11. $\frac{7}{11} \times \frac{5}{7} =$ _____

12. $\frac{5}{7} \div \frac{2}{3} =$ _____

13. Which one does *not* mean the same as the others?

$\frac{4}{5}$

$\frac{1}{5} \times 4$

$\frac{1}{5} \div 4$

$\frac{1}{4} \div \frac{1}{5}$

$4 \times \frac{1}{5}$

Solve.

14. Harvest Cereal comes in boxes of different sizes. The regular box holds $\frac{7}{8}$ pound. The small box holds $\frac{2}{3}$ as much. How much cereal does the small box hold?



15. The company will soon introduce a new giant size box. It will be $1\frac{1}{2}$ times as big as the regular box, which holds $\frac{7}{8}$ pound of cereal. How much cereal will the giant box hold?

16. A six-pack of Harvest Cereal holds $1\frac{1}{8}$ pounds. How much does each little box hold?



17. If a bowl of cereal holds $\frac{1}{8}$ pound, how many bowls can you get from a regular box of Harvest Cereal, which holds $\frac{7}{8}$ pound?

Remembering

Round to the nearest tenth.

1. $14.57 =$ _____

2. $52.34 =$ _____

3. $1.90 =$ _____

Round to the nearest hundredth.

4. $140.517 =$ _____

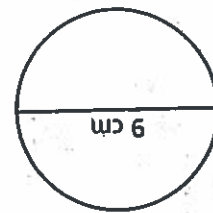
5. $9.432 =$ _____

6. $74.366 =$ _____

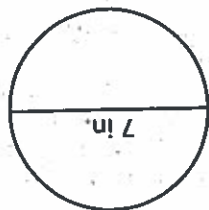
7. A classroom survey asks how many pets each student has at home. The results are shown in the chart below. Draw and label a circle graph to represent the survey data.

Number of Pets	Number of Students
0	8
1	6
2	4
more than 2	6

Calculate the circumference of each circle. Use 3.14 for π .



8.



9.

circumference = _____

circumference = _____

10. Make a graph of the data in the function table.

Equation: $y = 2x - 1$	
Input (x)	Output (y)
1	1
2	3
3	5
4	7
5	9
6	11

