

Name: _____

Wednesday Night

**Check
Me
Out!**



Want a quick review? Check out this week's (or previous week's) tutorials at mcdbsemath.weebly.com/homework.html

This week: multiplication of fractions as scaling up and down

I completed a TenMarks assignment last night.

McDonald practice

Dr. Von Scalenstein has a guinea pig, Furball, that weighs $\frac{3}{4}$ of a kilogram (kg). There are 6 different sizing potions that the doctor can give Furball to change his size. The chart lists expressions that show the effect of each of the potions.

potion A	potion B	potion C	potion D	potion E	potion F
$\frac{3}{4}$ kg x 7	$\frac{3}{4}$ kg x $\frac{5}{6}$	$\frac{3}{4}$ kg x 2	$\frac{3}{4}$ kg x 4	$\frac{3}{4}$ kg x $\frac{1}{2}$	$\frac{3}{4}$ kg x $\frac{2}{5}$

Which of the potions will cause Furball to shrink? Place a \checkmark next to all that apply.

___ potion A

___ potion B

___ potion C

___ potion D

___ potion E

___ potion F

Find the fractional value of each of the numbers below.

(1) What is $\frac{2}{3}$ of 90?

(2) What is $\frac{3}{5}$ of 30?

(3) What is $\frac{7}{10}$ of 20?

(4) What is $\frac{1}{2}$ of 54?

(14) What is $\frac{1}{3}$ of 48?

(15) What is $\frac{3}{4}$ of 60?

(16) What is $\frac{1}{2}$ of 20?

(17) What is $\frac{1}{3}$ of 27?

Circle the estimate that would work best for measuring each object.

(4) The hands of a clock

124 millimeters

124 meters

(13) A large television

25 ounces

25 pounds

(5) The diameter of the Earth

12,756 meters

12,756 kilometers

(14) A tall tree

11 yards

11 miles

(6) The water used to wash your clothes

24 gallons

24 fluid ounces

(15) Your bed

83 ounces

83 pounds

Solve.

2. $\frac{3}{5} + \frac{3}{5}$

6. $\frac{7}{15} - \frac{1}{3}$

10. $\frac{13}{16} - \frac{3}{4}$

3.52 - 3.09 =

3.9 + 4.57 =

8.87 + 2.31 =

6.4 - 1.57 =