

QUIZZZ

Fractions and Decimals

19 Questions

Tier A

NAME : _____

CLASS : _____

DATE : _____

1.

$$\frac{5}{6} - \frac{1}{9}$$

Do you need a common denominator?

a) $-\frac{4}{3}$

c) $\frac{4}{3}$

b) $\frac{13}{18}$

d) $\frac{2}{9}$

2.

$$3\frac{3}{4} \cdot 2\frac{1}{5}$$

Don't forget: change to improper fractions.

a) $6\frac{3}{20}$

c) $6\frac{4}{15}$

b) $5\frac{4}{9}$

d) $8\frac{1}{4}$

3.

$$\frac{3}{4} \div 2\frac{1}{10}$$

Don't forget:

- change to improper fracs
- oh me
- oh my . . .

a) 5/14

b) 2 1/3

c) -1 1/3

d) 2 1/2

4. It took Earl 1/2 hour to do his science homework and 1/3 hour to do his math homework. How long did Earl work on homework?

a) 2/5 hour

b) 1/6 hour

c) 5/6 hour

d) 1/5 hour

Check one

Add

Subtract

Multiply

Divide

Now, do it!

5. The weight of an object on the moon is 1/6 its weight on Earth. If a bowling ball weighs 12 1/2 pounds on Earth, how much would it weigh on the moon?

What is 12 1/2 of 1/6

↳ means multiply

a) 2 1/12 pounds

b) 11 1/3 pounds

c) 12 1/12 pounds

d) 13 2/3 pounds

6. Roberto needs separate roofing tiles to be cut from one large tile. How many tiles that are each 14 3/8 inches in length can he cut from the one large piece of tile that is 100 5/8 inches long?

Draw a picture!

a) 86 1/4 tiles

b) 7 tiles

c) 7 3/4 tiles

d) 115 tiles

7. Find the sum of 3/8 and 1/3. Reduce, or simplify answer.

What does sum mean?

a) 4/11

b) 1/8

c) 17/24

d) 1/24

8. Find the difference of $47/56$ and $15/56$. Write answer in simplest form.

a) $16/28$

b) $32/56$

c) $4/7$

d) $8/14$

What does difference mean?

9. Perform the indicated operations. $(2/5) + (1/2) - (7/8)$ Reduce, or simplify answer.

a) 1

b) $2/80$

c) $3/8$

d) $1/40$

Do the 1st 2 numbers, get an answer, then subtract $\frac{7}{8}$.

10. Perform the indicated operation. $(5/6) \times (3/8)$ Write answer in lowest terms.

a) $16/5$

b) $48/15$

c) $15/48$

d) $5/16$

Simplify any numerator with any denominator.

11. Find the product of $(1/6)$ and $(2/3)$. Reduce, or simplify answer.

a) $1/4$

b) 9

c) $1/9$

d) $3/12$

What does product mean?

12. Find the quotient of $(2/3)$ and $(5/6)$. Reduce, or simplify.

a) $12/15$

b) $5/9$

c) $4/5$

d) $-1/6$

What does quotient mean?

13. $2\frac{2}{3} + 1\frac{1}{5}$

a) $4\frac{6}{15}$

b) $4\frac{7}{15}$

c) $3\frac{6}{8}$

d) $3\frac{6}{15}$

Change to improper fractions
Do you need a common denominator?

14. $\frac{5}{6} - \frac{1}{5}$

a) $\frac{19}{30}$

c) $\frac{4}{30}$

b) $\frac{4}{1}$

d) $\frac{4}{6}$

Do you need a
Common denominator?

15. Mrs. Baltazar's drove 39.6 miles. She drove 2.2 miles each day. How many days did she drive 2.2 miles?

a) 41.8 days

c) 87.12 days

b) 18 days

d) 37.4 days

Do you need to :

Add

Subtract

Multiply

Divide

16. $12.6 \div 0.8$

a) 15.75

c) 10.24

b) 1.575

d) 1575

Remember:

- you can't divide
by a decimal. You
must make it
a whole #.

17. $16.3 - 4.156$

a) 12.244

c) 12.144

b) 12.454

d) 13.144

Line up the
decimals!

18. $2 - 0.43 =$

a) 0.45

c) 0.41

b) 1.57

d) 2.43

19. 0.071×8

a) 0.675

c) 0.568

b) 0.865

d) 0.468