QUIZIZZ

Fractions and Decimals

19 Questions

1.

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

☐ a) -4/3

☐ b) 13/18

☐ c) 4/3

☐ d) 2/9

2.

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

☐ a) 6 3/20

☐ b) 5 4/9

☐ c) 6 4/15

☐ d) 8 1/4

3.

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

☐ a) 5/14

☐ b) 2 1/3

☐ c) -1 1/3

☐ d) 2 1/2

4. It took Earl ½ hour to do his science homework and ⅓ hour to do his math homework. How long did Earl work on homework?

☐ a) ⅖ hour

☐ b) ⅙ hour

☐ c) ⅚ hour

☐ d) ⅕ hour

5. The weight of an object on the moon is ⅙ its weight on Earth. If a bowling ball weighs 12½ pounds on Earth, how much would it weigh on the moon?

☐ 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 ⅝ inches in length can he cut from the one large piece of tile that is 100 ⅝ inches long?

☐ 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.

☐ 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

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

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

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

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

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

☐ a) 4 6/15   ☐ b) 4 7/15

☐ c) 3 6/8   ☐ d) 3 6/15

14. ⅚ - ⅕

☐ a) 19/30

☐ b) 4/1

☐ c) 4/30

☐ d) 4/6

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

☐ b) 18 days

☐ c) 87.12 days

☐ d) 37.4 days

16. $12.6 \div 0.8$

☐ a) 15.75

☐ b) 1.575

☐ c) 10.24

☐ d) 1575

17. 16.3 - 4.156

☐ a) 12.244

☐ b) 12.454

☐ c) 12.144

☐ d) 13.144

18. 2 - 0.43=

☐ a) 0.45

☐ b) 1.57

☐ c) 0.41

☐ d) 2.43

19. 0.071 x 8

☐ a) 0.675

☐ b) 0.865

☐ c) 0.568

☐ d) 0.468