Choose the correct answer.

1. Jason used repeated addition to show $4 \times \frac{2}{3}$. Which shows an expression Jason could write?

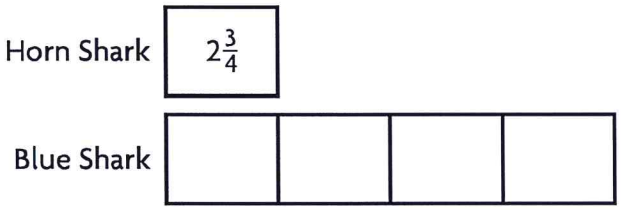
A $\frac{1}{3} + \frac{1}{3} + \frac{1}{3} + \frac{1}{3}$

B $\frac{2}{3} + \frac{2}{3} + \frac{2}{3} + \frac{2}{3}$

C $\frac{2}{12} + \frac{2}{12} + \frac{2}{12} + \frac{2}{12}$

D $4 + \frac{1}{3} + \frac{1}{3} + \frac{1}{3}$

2. Theo is comparing shark lengths. He learned that a horn shark is $2\frac{3}{4}$ feet long. A blue shark is 4 times as long. Use the bar model. How long is a blue shark?



A $8\frac{3}{4}$ feet

B 11 feet

C $12\frac{1}{4}$ feet

D 13 feet

3. Adam made a list of some multiples of $\frac{1}{6}$. Which could be Adam's list?

A 1, 2, 3, 4, 5

B $\frac{1}{6}, \frac{1}{12}, \frac{1}{18}, \frac{1}{24}, \frac{1}{30}$

C $\frac{1}{6}, \frac{2}{7}, \frac{3}{8}, \frac{4}{9}, \frac{5}{10}$

D $\frac{1}{6}, \frac{2}{6}, \frac{3}{6}, \frac{4}{6}, \frac{5}{6}$

4. Gabe is making a pinewood car. He cuts a block of wood to measure $5\frac{3}{4}$ inches. How can he write $5\frac{3}{4}$ inches as a fraction?

A $\frac{53}{4}$ inches

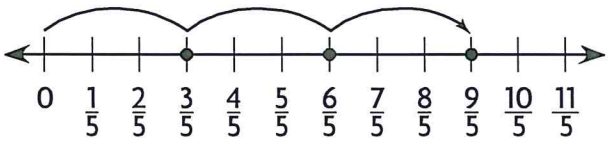
B $\frac{23}{4}$ inches

C $\frac{15}{4}$ inches

D $\frac{12}{4}$ inches

GO ON

5. Joel made a number line showing multiples of $\frac{3}{5}$.



Which fraction on the number line shows the product of $2 \times \frac{3}{5}$?

A $\frac{2}{5}$

B $\frac{3}{5}$

C $\frac{6}{5}$

D $\frac{9}{5}$

6. Paz weighed $5\frac{5}{8}$ pounds when she was born. By age 4, she weighed 4 times as much. If p stands for pounds, which equation could you use to find Paz's weight at age 4?

A $p = 4 + 5\frac{5}{8}$

B $p = (4 \times 5) + \frac{5}{8}$

C $p = 4 \times 5\frac{5}{8}$

D $p = \left(4 \times \frac{5}{8}\right) + 5$

7. Stacey listed some multiples of $\frac{5}{8}$. Which is **not** a multiple of $\frac{5}{8}$?

A $\frac{15}{8}$

B $\frac{16}{8}$

C $\frac{20}{8}$

D $\frac{25}{8}$

8. Mark bought 3 packages of grapes. Each package weighed $\frac{7}{8}$ pound. How many pounds of grapes did Mark buy?

A $\frac{10}{8}$ pounds

B $\frac{21}{8}$ pounds

C 10 pounds

D 21 pounds

GO ON

9. Donna buys some fabric to make place mats. She needs $\frac{1}{5}$ yard of each type of fabric. She has 9 different types of fabrics to make her design. Donna writes the following equation. What number goes in the box to make the statement true?

$$\frac{9}{5} = \square \times \frac{1}{5}$$

A 4

B 5

C 8

(D) 9

10. Yusif solved a problem that had an answer of $\frac{27}{4}$. How can Yusif write $\frac{27}{4}$ as a mixed number?

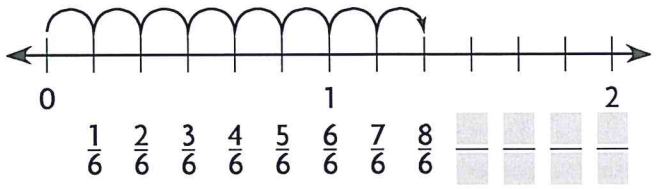
(A) $6\frac{3}{4}$

B $5\frac{3}{4}$

C $4\frac{3}{4}$

D $\frac{27}{4}$

11. Look at the fraction number line. What fraction goes directly below the 2?



A $\frac{4}{12}$

B $\frac{4}{6}$

C $\frac{9}{6}$

(D) $\frac{12}{6}$

12. A flight takes $1\frac{1}{4}$ hours to get from Dyson to Hardy. The flight takes 4 times as long to get from Dyson to Williams. How long is the flight from Dyson to Williams?

A $4\frac{3}{4}$ hours

(B) 5 hours

C $5\frac{1}{4}$ hours

D $5\frac{3}{4}$ hours

GO ON

Write the correct answer.

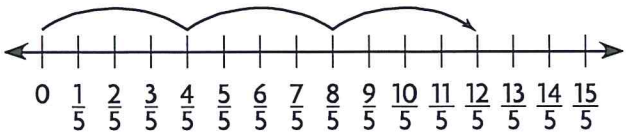
13. Mickey exercises for $\frac{3}{4}$ hour every day. How many hours does he exercise in 8 days?

$\frac{24}{4}$ hours or 6 hours

14. Mimi recorded a soccer game that lasted $1\frac{2}{3}$ hours. She watched it 3 times over the weekend to study the plays. How many hours did Mimi spend watching the soccer game?

5 hours

15. Asta made a fraction number line to help her multiply $3 \times \frac{4}{5}$.



Write $3 \times \frac{4}{5}$ as the product of a whole number and a unit fraction.

$12 \times \frac{1}{5}$

16. Mason spends $1\frac{1}{2}$ hours at lacrosse practice 3 times a week. How much time does Mason spend at lacrosse practice in one week?

$4\frac{1}{2}$ hours

GO ON

17. Tony walks $\frac{6}{8}$ mile every day. How far does Tony walk in 5 days?

Possible answers: $\frac{30}{8}$ miles, $3\frac{6}{8}$ miles, or $3\frac{3}{4}$ miles

18. Rico is making 4 batches of Mexican rice. Each batch needs $\frac{2}{3}$ cup of corn. He only has a $\frac{1}{3}$-cup measure. How many times must Rico measure $\frac{1}{3}$ cup of corn to have enough for all of the Mexican rice?

8 times

19. Jess made a big kettle of rice and beans. He used $1\frac{1}{2}$ cups of beans. He used 4 times as much rice. How many cups of rice did Jess use?

6 cups

20. Sabrina makes a pan pizza for the party. She cuts the pizza into 10 equal pieces. After the party, there was $\frac{5}{10}$ of the pan pizza left. Write the fraction $\frac{5}{10}$ as a product of a whole number and a unit fraction.

$5 \times \frac{1}{10}$

21. What are the next three multiples of $\frac{4}{10}$?

$\frac{4}{10}, \frac{8}{10}, \frac{12}{10}, \frac{16}{10}$

GO ON

22. Hank used $3\frac{1}{2}$ bags of seed to plant grass in his front yard. He used 3 times as much seed to plant grass in his back yard. How much seed did Hank need for the back yard?

$10\frac{1}{2}$ bags

23. Corky the dog eats $5\frac{2}{3}$ cups of dry food each day. How many cups of dry food does Corky eat in 3 days?

17 cups

24. Gracie makes 6 loaves of apple bread. She uses $\frac{1}{2}$ cup of walnuts in each loaf. How many cups of walnuts does she use for 6 loaves?

3 cups

25. Mrs. Tokala uses $\frac{9}{10}$ of a tank of gas each week to drive to and from her job. How much gas does Mrs. Tokala use in 6 weeks?

Possible answers: $\frac{54}{10}$ tanks of gas, $5\frac{4}{10}$ tanks of gas, or $5\frac{2}{5}$ tanks of gas

GO ON