

1. Convert $5\frac{3}{4}$ to a decimal. Round to the nearest tenth.

- A. 5.75
 - B. 5.7
 - C. 5.8
 - D. 6
- C. 5.8

2. A warehouse worker ships 25 boxes each day. Every box contains 3 shipping labels. Inventory has 500 shipping labels. How many days will it take to use the inventory of shipping labels? Round to the nearest whole.

- A. 7 days
 - B. 8 days
 - C. 20 days
 - D. 6 days
- 7 days

3. Ratio and proportion. $6:10::24:x$

- A. 40
 - B. 25
 - C. 240
 - D. 4
- A. 40

4. A class of 25 students has 44% of boys. How many boys are there?

- A. 10 boys
 - B. 11 boys
 - C. 9 boys
 - D. 13 boys
- B. 11 boys

5. 3.44 divided by 0.6

- A. 0.57
 - B. 5.73
 - C. 11.41
 - D. 2.33
- B. 5.73

6. Solve if $x=11$. $x+44/2x$

- A. $55/22$
 - B. 33
 - C. c
 - D. 13
- D. 13

7. $4\frac{7}{8}$ divided by $1\frac{1}{6}$

- A. $4\frac{5}{28}$
 - B. $4\frac{6}{8}$
 - C. $4\frac{7}{8}$
 - D. $5\frac{8}{14}$
- A. $4\frac{5}{28}$

8. Add. $6\frac{3}{4} + 8\frac{1}{6}$

- A. $35/6$
- B. $14\frac{2}{5}$

- C. $14 \frac{11}{12}$
- D. $12 \frac{3}{24}$
- C. $14 \frac{11}{12}$

9. Solve for x. $x/250=3/500$

- A. 1.5
- B. 2.5
- C. 1500
- D. 25.5
- A. 1.5

10. A dice is rolled. What is the probability of getting 5?

- A. 20%
- B. 50%
- C. 16.6%
- D. 83.3%
- C. 16.6%

11. Convert to metric: 7 gram = x mg

- A. 700mg
- B. 0.007 mg
- C. 7,000 mg
- D. 0.0007 mg
- C. 7,000 mg

12. Sally eats $\frac{3}{5}$ of her lunch. John eats 75%. Who ate more?

- A. John
- B. Sally
- A. John

13. Add $\frac{1}{4} + \frac{3}{8}$.

- A. $\frac{4}{12}$
- B. $\frac{5}{8}$
- C. $\frac{1}{2}$
- D. $\frac{1}{3}$
- B. $\frac{5}{8}$

14. How many ounces in $8 \frac{1}{4}$ pints?

- A. 136 oz
- B. 128 oz
- C. 132 oz
- D. 2.25 oz
- C. 132 oz

15. Subtract $\frac{5}{6} - \frac{3}{4}$.

- A. $\frac{2}{24}$
- B. $\frac{1}{12}$
- C. 1
- D. $\frac{1}{2}$
- B. $\frac{1}{12}$

16. Add $\frac{2}{3} + \frac{1}{6} + \frac{2}{5}$.

- A. $1 \frac{1}{15}$
- B. $\frac{2}{5}$
- C. $\frac{1}{3}$
- D. $1 \frac{7}{30}$

→D. 1 & 7/30

17. A farmers productions statistics finds that it takes 2 chickens to produce 6 eggs in 24 hours. How many chickens will be needed to produce 24 eggs in 24 hours?

A. 12 chickens

B. 4 chickens

C. 3 chickens

D. 8 chickens

→D. 8 chickens

18. Subtract $28 \frac{3}{4} - 5 \frac{5}{6}$.

A. 22

B. $34 \frac{1}{12}$

C. $23 \frac{1}{2}$

D. $22 \frac{11}{12}$

→D. $22 \frac{11}{12}$

19. Add $\frac{7}{8} + \frac{9}{10} + \frac{6}{5}$ as mixed.

A. $3 \frac{39}{40}$

B. $3 \frac{22}{23}$

C. $\frac{22}{23}$

D. $2 \frac{39}{40}$

→D. $2 \frac{39}{40}$

20. A mother changes her baby 6 times a day. How many diapers will be needed in a year?

A. 2190 diapers

B. 2100 diapers

C. 2160 diapers

D. 2140 diapers

A. 2190 diapers

21. Subtract $2 \frac{5}{8} - \frac{7}{8}$ and reduce.

A. $1 \frac{5}{8}$

B. $1 \frac{6}{8}$

C. $1 \frac{3}{4}$

D. $1 \frac{1}{4}$

→C. $1 \frac{3}{4}$

22. A dice is rolled, what's the probability of an odd number?

A. 16.6%

B. 33%

C. 75%

D. 50%

→D. 50%

23. 32 divided by $\frac{8}{9}$.

A. $4 \frac{1}{9}$

B. 4

C. 36

D. $28 \frac{4}{9}$

→C. 36

24. 40.3 divided by 4.8.

A. 0.084

B. 84