

1. $\frac{1}{4} \times \frac{3}{4} =$

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

B. $\frac{3}{16}$

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

D. $\frac{3}{8}$

E. None of the above

2. $\frac{3}{8} \times \frac{4}{5} =$

A. $\frac{7}{13}$

B. $\frac{2}{5}$

C. $\frac{3}{10}$

D. $\frac{6}{20}$

E. None of the above

3. $\frac{1}{5} \times \frac{3}{7} \times \frac{7}{9} =$

A. $\frac{1}{15}$

B. $\frac{5}{22}$

C. $\frac{11}{21}$

D. 15

E. None of the above

4. $\frac{7}{25} \times \frac{15}{28} =$

A. $\frac{3}{20}$

B. $\frac{4}{9}$

C. $2\frac{1}{4}$

D. $6\frac{2}{3}$

E. None of the above

5. $12 \times \frac{2}{5} =$

A. $2\frac{4}{5}$

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

C. $\frac{4}{5}$

D. 30

E. None of the above

6. $3\frac{1}{4} \times 2 =$

A. $6\frac{1}{4}$

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

C. 6

D. $1\frac{1}{2}$

E. None of the above

Subskill # 21, 22

Fractions (Multiplication and Division) I

7. $\frac{3}{4} \times 4\frac{1}{2} =$ A. $4\frac{3}{8}$
B. $3\frac{3}{8}$
C. $4\frac{1}{2}$
D. 2
E. None of the above

8. $1\frac{5}{9} \times 3\frac{3}{5} =$ A. $4\frac{1}{3}$
B. $5\frac{3}{5}$
C. $3\frac{1}{3}$
D. 5
E. None of the above

9. $\frac{5}{6} \div \frac{12}{21} =$ A. $\frac{10}{21}$
B. $\frac{24}{35}$
C. $1\frac{11}{24}$
D. $\frac{11}{24}$
E. None of the above

10. $8 \div \frac{3}{4} =$ A. $\frac{3}{32}$
B. $10\frac{2}{3}$
C. $1\frac{1}{3}$
D. 6
E. None of the above

11. $4\frac{2}{5} \div \frac{1}{5} =$ A. 22
B. $\frac{22}{25}$
C. $\frac{1}{22}$
D. $1\frac{3}{22}$
E. None of the above

12. $\frac{4}{9} \div 6 =$ A. $13\frac{1}{2}$
B. $2\frac{2}{3}$
C. $\frac{2}{27}$
D. $\frac{3}{8}$
E. None of the above

Subskill # 21, 22**Fractions (Multiplication and Division) I**

13. $5 \frac{5}{6} \div 4 =$
- A. $1 \frac{11}{24}$
 - B. $\frac{24}{25}$
 - C. $\frac{3}{70}$
 - D. $23 \frac{1}{3}$
 - E. None of the above

14. $5 \frac{1}{2} \div 3 \frac{1}{4} =$
- A. $\frac{9}{22}$
 - B. $\frac{13}{22}$
 - C. $17 \frac{7}{8}$
 - D. $\frac{8}{143}$
 - E. None of the above

15. $10 \frac{2}{5} \div 1 \frac{1}{2} =$
- A. $15 \frac{3}{5}$
 - B. $\frac{2}{15}$
 - C. $7 \frac{1}{2}$
 - D. $6 \frac{14}{15}$
 - E. None of the above

16. In a machine shop, Victor was asked to make 3 chisels, each $6 \frac{7}{8}$ " long. What is the shortest metal bar he can use from which to cut the chisels?
- A. 19 "
 - B. 20 "
 - C. 22 "
 - D. 21 "

17. What length of stock is required to make 24 bolts, each $3 \frac{3}{4}$ " long?

- A. 10
- B. 20
- C. 25
- D. 90

18. A contractor estimated it would take 10 men $4 \frac{1}{2}$ hours each and 6 more men $6 \frac{3}{4}$ hours each to do a job. What are the total hours he estimated for this job?

- A. 76
- B. $77 \frac{1}{4}$
- C. $85 \frac{1}{2}$
- D. 85

19. How many $2 \frac{1}{4}$ " pieces can be cut from a 20 " piece of sheet metal?

- A. 7
- B. 9
- C. 8
- D. 10

20. If $10 \frac{3}{4}$ ft. of metal tubing costs \$43, how much does it cost per foot?

- A. \$4.25
- B. \$4.00
- C. \$1.00
- D. \$5.00

Answer Key

1. B
2. C
3. A
4. A
5. B
6. E
7. B
8. B
9. C
10. B
11. A
12. C
13. A
14. E
15. D
16. D
17. D
18. C
19. C
20. B