045 Proficiency Test

Quiz

Math
PRACTICE *in* SCIENCE

Circle the correct answer.

1. $\frac{4}{5} \times 3\frac{1}{3} =$
   a. $3\frac{4}{15}$
   b. $3\frac{5}{8}$
   c. 8
   d. $2\frac{2}{3}$

2. $\frac{1}{4} + 5\frac{1}{6} =$
   a. $5\frac{11}{12}$
   b. $5\frac{3}{5}$
   c. $5\frac{12}{13}$
   d. $5\frac{5}{12}$

3. $\frac{11}{12} - \frac{2}{3} =$
   a. $\frac{1}{4}$
   b. $\frac{7}{12}$
   c. 1
   d. $\frac{4}{9}$

4. $3\frac{1}{2} \div 4\frac{1}{2} =$
   a. $1\frac{2}{9}$
   b. $\frac{7}{9}$
   c. $1\frac{2}{7}$
   d. $\frac{9}{7}$

5. $\frac{7}{12}$ expressed in higher terms is
   a. $\frac{14}{19}$
   b. $\frac{70}{100}$
   c. $\frac{28}{48}$
   d. $\frac{7}{48}$

6. $5\frac{4}{9}$ expressed as an improper fraction is
   a. $\frac{45}{9}$
   b. $\frac{49}{9}$
   c. $\frac{45}{49}$
   d. $\frac{20}{9}$

7. $5\frac{3}{8} + 11\frac{1}{8}$
   a. $16\frac{1}{2}$
   b. $11\frac{1}{2}$
   c. $16\frac{3}{8}$
   d. 16

8. $\frac{54}{10}$ renamed as a mixed number =
   a. $5\frac{1}{2}$
   b. $10\frac{4}{10}$
   c. 54
   d. $5\frac{2}{5}$

9. $\frac{14}{15} - \frac{9}{15} =$
   a. $\frac{1}{5}$
   b. $\frac{6}{15}$
   c. $\frac{1}{3}$
   d. $\frac{1}{4}$

10. $\frac{8}{48}$ reduced to its lowest terms =
    a. $\frac{1}{6}$
    b. $\frac{1}{8}$
    c. $\frac{1}{4}$
    d. $\frac{1}{7}$

11. $20\frac{11}{9}$ renamed is
    a. $21\frac{2}{9}$
    b. $21\frac{1}{9}$
    c. 22
    d. $20\frac{9}{11}$

12. $5\frac{1}{3} \times 2\frac{3}{4} =$
    a. 10
    b. $10\frac{3}{12}$
    c. $14\frac{2}{3}$
    d. $14\frac{1}{2}$

13. The least common multiple of 4 and 3 is
    a. 6
    b. 8
    c. 24
    d. 12

14. $30\frac{1}{2} - 15\frac{1}{4} =$
    a. 15
    b. $14\frac{3}{4}$
    c. $15\frac{1}{4}$
    d. $15\frac{1}{2}$

15. $20 - 13\frac{4}{9}$
    a. $5\frac{4}{9}$
    b. $6\frac{5}{9}$
    c. 6
    d. $5\frac{5}{9}$

16. $5\frac{4}{5} \div 1\frac{1}{2} =$
    a. $7\frac{1}{2}$
    b. $3\frac{13}{15}$
    c. $8\frac{7}{10}$
    d. $3\frac{2}{3}$

17. $\frac{1}{3} \times \frac{1}{3} =$
    a. $\frac{2}{3}$
    b. $\frac{1}{6}$
    c. $\frac{1}{9}$
    d. 1

18. Which fraction is <u>not</u> equal to $\frac{3}{4}$?
    a. $\frac{11}{33}$
    b. $\frac{75}{100}$
    c. $\frac{6}{8}$
    d. $\frac{21}{28}$

19. $\frac{12}{132}$ reduces to
    a. $\frac{6}{66}$
    b. $\frac{6}{12}$
    c. $\frac{3}{33}$
    d. $\frac{1}{11}$

20. $10\frac{3}{10}$ expressed as an improper fraction is
    a. $\frac{30}{10}$
    b. $\frac{23}{10}$
    c. $\frac{103}{10}$
    d. $\frac{33}{10}$