

Name _____

Directions: When working each of the following questions, be sure to show all work. Your answer can be an improper fraction.

1) $1\frac{10}{33} + 2\frac{4}{33}$

a) $3\frac{1}{15}$

b) $3\frac{14}{33}$

c) $3\frac{6}{8}$

d) $3\frac{9}{8}$

2) $2 - \frac{3}{5}$

a) $\frac{10}{5}$

b) $3\frac{1}{5}$

c) $1\frac{2}{5}$

d) $1\frac{1}{5}$

3) $\frac{3}{8} + \frac{1}{2}$

a) $\frac{7}{8}$

b) $\frac{1}{2}$

c) $\frac{1}{6}$

d) $\frac{1}{4}$

4) $2\frac{3}{10} + 1\frac{7}{8}$

a) $\frac{14}{80}$

b) $1\frac{14}{80}$

c) $\frac{94}{80}$

d) $4\frac{7}{40}$

5) $\frac{4}{5} - \frac{3}{4}$

a) $\frac{5}{8}$

b) $\frac{1}{2}$

c) $\frac{9}{16}$

d) $\frac{1}{20}$

6) $6\frac{9}{10} - 1\frac{2}{5}$

a) $\frac{5}{8}$

b) $7\frac{1}{2}$

c) $5\frac{9}{16}$

d) $5\frac{1}{2}$

7) $12 * \frac{3}{8}$

a) $\frac{720}{30}$

b) $\frac{20}{50}$

c) $4\frac{1}{2}$

d) $4\frac{36}{8}$

8) $\frac{6}{7} * \frac{5}{8}$

a) $\frac{1}{2}$

b) $\frac{30}{3}$

c) $\frac{15}{12}$

d) $\frac{15}{28}$

9) $\frac{7}{9} * \frac{3}{5}$

a) $\frac{1}{2}$

b) $\frac{30}{3}$

c) $\frac{7}{15}$

d) $\frac{15}{12}$

10) $2\frac{1}{12} * 1\frac{3}{5}$

a) $\frac{1}{2}$

b) $3\frac{1}{3}$

c) $\frac{30}{3}$

d) $\frac{30}{10}$

11) $3\frac{7}{8} * 4$

a) $13\frac{1}{2}$

b) $15\frac{30}{3}$

c) $15\frac{15}{12}$

d) $15\frac{1}{2}$

12) $2\frac{1}{6} * \frac{3}{7}$

a) $\frac{13}{14}$

b) $\frac{1}{2}$

c) $\frac{3}{4}$

d) $\frac{14}{15}$

13) $\frac{3}{10} \div \frac{4}{5}$

a) $\frac{3}{8}$

b) $\frac{4}{5}$

c) $\frac{30}{40}$

d) $\frac{20}{33}$

14) $\frac{3}{4} \div \frac{7}{8}$

a) $\frac{16}{2}$

b) $\frac{6}{1}$

c) $\frac{6}{7}$

d) 8

15) $2\frac{3}{8} \div 1\frac{3}{4}$

a) $\frac{5}{3}$

b) $1\frac{5}{14}$

c) $\frac{3}{15}$

d) $\frac{3}{10}$

16) $4\frac{4}{5} \div 2\frac{6}{7}$

a) $1\frac{17}{25}$

b) $1\frac{12}{5}$

c) $1\frac{1}{6}$

d) $2\frac{1}{2}$

17) On a survey, $\frac{2}{3}$ of the 270 sixth graders said that spending time with family is their favorite part of the Holidays. How many sixth graders said that spending time with family is their favorite part?

- a) 540
- b) 420
- c) 360
- d) 180

18) Lily took $\frac{5}{6}$ lb of peanuts to a baseball game. She ate $\frac{2}{6}$ lb. How many pounds of peanuts does she have left?

- a) $\frac{1}{3}$
- b) $\frac{4}{5}$
- c) $\frac{1}{2}$
- d) 1

19) What is the area of a rectangle with a length of $\frac{1}{3}$ yard and a width of $\frac{3}{4}$ yard?
(*hint: area = length * width*)

a) $\frac{1}{3}$

b) $\frac{1}{4}$

c) $\frac{3}{4}$

d) $\frac{1}{2}$

20) Rebecca and Tracy are cutting strips of fabric to make a quilt. Each strip of fabric needs to be $\frac{1}{3}$ of a foot long. They have 16 feet of fabric. How many strips of fabric can they cut?

a) 12

b) 16

c) 32

d) 48