

FRACTIONS 2

MARK

7

1. Find the following amounts.

(a) $\frac{1}{6}$ of 18

(b) $\frac{2}{6}$ of 18

(c) $\frac{3}{6}$ of 18

(d) $\frac{4}{6}$ of 18

(e) $\frac{5}{6}$ of 18

2. Find the following amounts.

(a) $\frac{1}{2}$ of 16

(b) $\frac{1}{3}$ of 12

(c) $\frac{1}{5}$ of 30

(d) $\frac{1}{4}$ of 24

(e) $\frac{1}{6}$ of 42

(f) $\frac{1}{10}$ of 70

(g) $\frac{1}{3}$ of 66

(h) $\frac{1}{4}$ of 72

(i) $\frac{1}{8}$ of 120

(j) $\frac{1}{9}$ of 180

3. Find the following amounts.

(a) $\frac{2}{3}$ of 18

(b) $\frac{3}{4}$ of 20

(c) $\frac{2}{5}$ of 30

(d) $\frac{5}{6}$ of 12

(e) $\frac{3}{7}$ of 21

(f) $\frac{5}{8}$ of 32

(g) $\frac{4}{5}$ of 100

(h) $\frac{3}{4}$ of 80

4. A block of chocolate had 20 pieces. Four friends divided the block evenly.

(a) What fraction of the block did each of the friends get?

(b) How many pieces of chocolate did each friend get?

5. How many half hour TV shows could be taped on to a three hour video tape?

6. Jayme had a two hour video tape.

(a) How many minutes are on the video tape?

(b) One-fifth of the tape was used? How many minutes of the tape have been used?

7. If apples cost \$2 per kilogram(kg), find the cost of the following amounts of apples.

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

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

8. Noela bought $\frac{1}{4}$ kg of licorice for 40c.

Find the cost of the following amounts of licorice.

(a) 1 kg

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

9. Hayley had to mix 20 litres of paint. One-fifth of the paint was yellow, two-fifths was red and the rest was white.

(a) What fraction of the paint was white?

(b) How many litres of each paint would Hayley need?

Yellow

Red

White

10. Mrs. Chen had the job of cutting up the oranges for half time in a local soccer game.

She cut 15 oranges into quarters.

How many quarters did she have?



11. Mrs. Garcia had the job of cutting up the oranges for half time in a local basketball game.

There were 12 players in the game and she had to provide three pieces for each player.

How many oranges should she cut into quarters?

