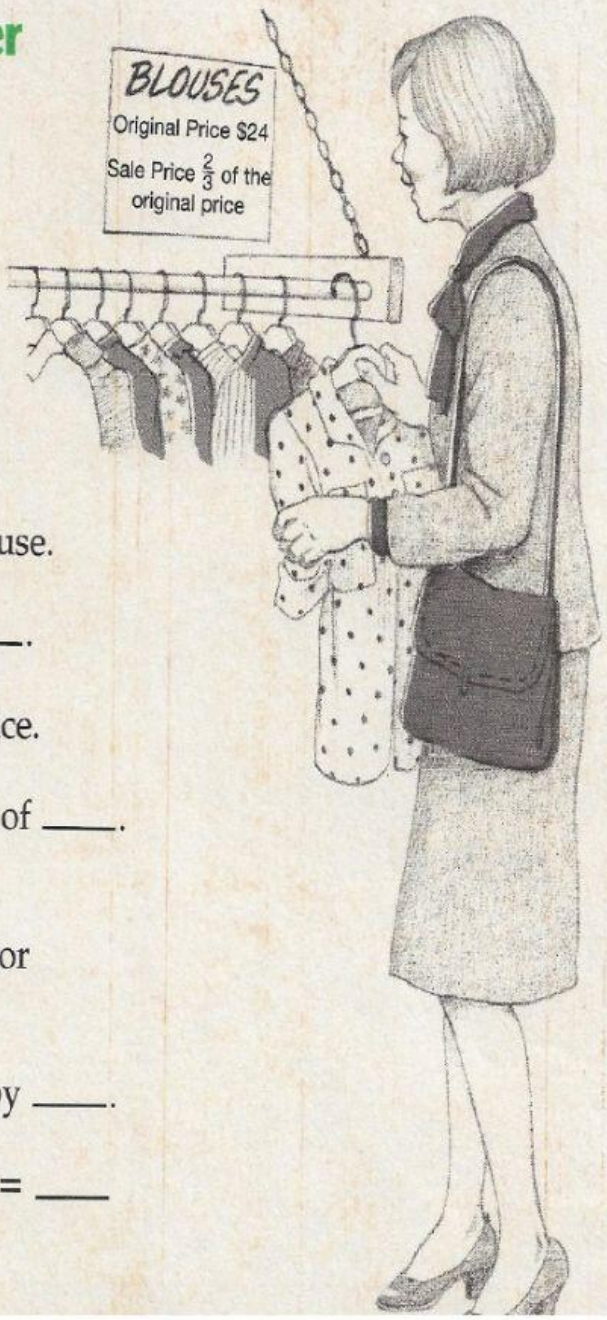
Watch the video then solve the problems

Finding a Fraction of a Number

Peg looks for sales when she shops for clothes. How much will Peg pay for a blouse?



We want to know the sale price of a blouse.

The original price of the blouse was ____.

The sale price is ____ of the original price.

To find the sale price, we need to find $\frac{2}{3}$ of ____.

To multiply a number by a **non-unit fraction**, we divide it by the denominator and multiply it by the numerator.

We divide ____ by ____ and multiply by ____.

$24 ÷ ____ = ____ ____ × ____ = ____

Peg will pay ____ for a blouse.

Find each part.

1. $\frac{2}{5}$ of \$25 = ____
2. $\frac{3}{4}$ of \$36 = ____
3. $\frac{3}{8}$ of 72 = ____
4. $\frac{5}{6}$ of 54 = ____
5. $\frac{7}{9}$ of 90 = ____
6. $\frac{2}{3}$ of \$30 = ____
7. $\frac{7}{8}$ of 64 = ____
8. $\frac{3}{4}$ of \$84 = ____
9. $\frac{5}{11}$ of \$121 = ____

Find each sale price.

10. $\frac{3}{8}$ of a price of \$56 ____
11. $\frac{3}{4}$ of a price of \$28 ____
12. $\frac{3}{5}$ of a price of \$25 ____
13. $\frac{5}{7}$ of a price of \$49 ____
14. $\frac{5}{8}$ of a price of \$80 ____
15. $\frac{2}{3}$ of a price of \$33 ____
16. $\frac{2}{3}$ of a price of \$57 ____
17. $\frac{5}{6}$ of a price of \$126 ____
18. $\frac{1}{2}$ of a price of \$96 ____

Complete the table.

19.

Sale $\frac{2}{5}$ Off			
Original Price	\$65	\$140	\$585
Sale Price			

Problem Solving

Solve each problem.

20. Sweaters are on sale for $\frac{2}{3}$ of the original price. Before the sale, the sweaters were \$42 each. What is the sale price?

21. The original price of a jogging suit was \$80. It is on sale for $\frac{3}{4}$ of the price. How much can be saved if you buy the suit on sale?