

FRACTIONS OF NUMBERS SHEET 3



Use division and multiplication to help you find these fractions.

1) $\frac{1}{3}$ of 24 = $24 \div 3 =$ ____

2) $\frac{2}{3}$ of 24 = $(24 \div 3) \times 2 =$ ____

3) $\frac{1}{6}$ of 18 = $18 \div 6 =$ ____

4) $\frac{2}{6}$ of 18 = $(18 \div 6) \times 2 =$ ____

5) $\frac{1}{5}$ of 40 = $40 \div 5 =$ ____

6) $\frac{3}{5}$ of 40 = $(40 \div 5) \times 3 =$ ____

7) $\frac{1}{10}$ of 50 = $50 \div 10 =$ ____

8) $\frac{7}{10}$ of 50 = $(50 \div 10) \times 7 =$ ____

9) $\frac{1}{8}$ of 40 = $40 \div$ ____ = ____

10) $\frac{3}{8}$ of 40 = $(40 \div 8) \times 3 =$ ____

11) $\frac{1}{4}$ of 32 = ____ \div ____ = ____

12) $\frac{3}{4}$ of 32 = $(32 \div 4) \times$ ____ = ____

13) $\frac{1}{9}$ of 36 = ____ \div ____ = ____

14) $\frac{5}{9}$ of 36 = $(36 \div 9) \times$ ____ = ____

15) $\frac{1}{8}$ of 56 = ____ \div ____ = ____

16) $\frac{7}{8}$ of 56 = $(56 \div 8) \times$ ____ = ____

17) $\frac{3}{4}$ of 24 = $(24 \div 4) \times 3 =$ ____

18) $\frac{3}{5}$ of 15 = $(15 \div 5) \times$ ____ = ____

19) $\frac{2}{7}$ of 28 = $($ ____ \div ____ $) \times$ ____ = ____

20) $\frac{3}{8}$ of 32 = $($ ____ \div ____ $) \times$ ____ = ____

21) $\frac{5}{6}$ of 30 = $($ ____ \div ____ $) \times$ ____ = ____

22) $\frac{4}{5}$ of 50 = $($ ____ \div ____ $) \times$ ____ = ____

23) $\frac{6}{7}$ of 35 = $($ ____ \div ____ $) \times$ ____ = ____

24) $\frac{7}{9}$ of 18 = $($ ____ \div ____ $) \times$ ____ = ____

CALCULATOR CHALLENGES

Use a calculator to help you find these fractions of numbers.

1) $\frac{3}{5}$ of 135 = $($ ____ \div ____ $) \times$ ____ = ____

2) $\frac{3}{4}$ of 216 = $($ ____ \div ____ $) \times$ ____ = ____

3) $\frac{2}{7}$ of 294 = $($ ____ \div ____ $) \times$ ____ = ____

4) $\frac{5}{8}$ of 352 = $($ ____ \div ____ $) \times$ ____ = ____