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Multiplication and Division of Whole Numbers

Exercise 1.1 Multiplying 3-digit whole numbers by 2-digit whole numbers

Recap

Multiply 219 by 32.

$$\begin{array}{r}
 219 \\
 \times 32 \\
 \hline
 438 \\
 6570 \\
 \hline
 7008
 \end{array}$$

$$219 \times 32 = 7008$$

1. Multiply.

a) $ \begin{array}{r} 365 \\ \times 28 \\ \hline \end{array} $	b) $ \begin{array}{r} 257 \\ \times 36 \\ \hline \end{array} $	c) $ \begin{array}{r} 479 \\ \times 51 \\ \hline \end{array} $
d) 48×238	e) 853×72	f) 18×652

Exercise 1.2 Multiplying 4-digit whole numbers by 2-digit whole numbers

Recap

Multiply 3674 by 28.

$$\begin{array}{r}
 11 \\
 553 \\
 3674 \\
 \times \quad 28 \\
 \hline
 29392 \\
 73480 \\
 \hline
 102872
 \end{array}$$

$$3674 \times 28 = 102872$$

1. Multiply.

a) $ \begin{array}{r} 4272 \\ \times \quad 35 \\ \hline \end{array} $	b) $ \begin{array}{r} 2869 \\ \times \quad 42 \\ \hline \end{array} $	c) $ \begin{array}{r} 6383 \\ \times \quad 76 \\ \hline \end{array} $
d) 9621×29	e) 7895×16	f) 6249×58
g) 5089×94	h) 8689×37	i) 9684×83

Exercise 1.4 Solving word problems

Solve the word problems. Show your work clearly.

☐ 1. Understand ☐ 2. Plan ☐ 3. Answer ☐ 4. Check ☐ 5. Plus

1. There are 249 mangoes in a box. How many mangoes are there in 62 such boxes?
2. A potter has 57 vases. Each vase costs \$336. How much do the 57 vases cost altogether?
3. Mrs. Brown has 18 cartons. She puts 117 books in each carton. How many books does Mrs. Brown put altogether?

Recap

Divide 852 by 32.

$$\begin{array}{r} 26 \\ 32 \overline{) 852} \\ \underline{64} \\ 212 \\ \underline{192} \\ 20 \end{array}$$

$$852 \div 32 = 26 \text{ R}20$$

$$32 \approx 30$$

$$2$$

$$30 \overline{) 852}$$

$$\underline{60}$$

$$25$$

The estimated quotient is 2 tens.



1. Divide.

a) $47 \overline{) 331}$	b) $21 \overline{) 573}$	c) $38 \overline{) 952}$
d) $704 \div 85$	e) $984 \div 65$	f) $669 \div 19$
g) $786 \div 48$	h) $843 \div 81$	i) $751 \div 54$