



The Right Product

When we divide, we look for a product that is equal to or just a little less than the dividend.

$$3 \overline{)17} \leftarrow \text{dividend}$$

Look along the 3 row of the table. You find 0, 3, 6, 9, 12, 15, 18, 21, 24, 27.

The number closest to the dividend is 15. $3 \times 5 = 15$. This is the right product to use.

$$\begin{array}{r} 5 \\ 3 \overline{)17} \\ \underline{15} \\ 2 \end{array}$$

x	0	1	2	3	4	5	6	7	8	9
0	0	0	0	0	0	0	0	0	0	0
1	0	1	2	3	4	5	6	7	8	9
2	0	2	4	6	8	10	12	14	16	18
3	0	3	6	9	12	15	18	21	24	27
4	0	4	8	12	16	20	24	28	32	36
5	0	5	10	15	20	25	30	35	40	45
6	0	6	12	18	24	30	36	42	48	54
7	0	7	14	21	28	35	42	49	56	63
8	0	8	16	24	32	40	48	56	64	72
9	0	9	18	27	36	45	54	63	72	81

1. Find the right product to use for each of these problems.

a. $6 \overline{)25}$ $6 \times \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

d. $4 \overline{)30}$ $4 \times \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

b. $2 \overline{)13}$ $2 \times \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

e. $5 \overline{)22}$ $5 \times \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

c. $7 \overline{)50}$ $7 \times \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

f. $8 \overline{)55}$ $5 \times \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

2. Decide if each product is the right product to use. If not, change it.

a. $9 \overline{)30}$ $9 \times 3 = 27$

d. $5 \overline{)42}$ $5 \times 8 = 40$

b. $7 \overline{)24}$ $7 \times 4 = 28$

e. $4 \overline{)19}$ $4 \times 5 = 20$

c. $6 \overline{)37}$ $6 \times 5 = 30$

f. $8 \overline{)35}$ $8 \times 3 = 24$



Regrouping But No Remainders



The pop bottle carton holds 6 bottles. Raina collected 72 bottles. How many cartons does she need?

Divide the Tens

Tens	Ones
1	
6)7	2
<u>6</u>	
1	

Bring Down the Ones

Tens	Ones
1	
6)7	2
<u>6</u>	↓
1	2

Divide the Ones

Tens	Ones
1	2
6)7	2
<u>6</u>	↓
1	2
1	2
	0

Raina needs 12 pop bottle cartons.

Complete.

1.

□	□
5)6	5
□	↓
□	5
□	□
□	□

2.

□	6
2)9	2
8	↓
1	□
□	□
□	□

3.

□	□
6)6	6
□	↓
□	□
□	□
□	□

4.

□	□
3)6	9
□	↓
□	□
□	□
□	□

5.

□	□
3)5	1
3	↓
2	□
2	1
□	□

6.

□	□
4)9	6
8	↓
1	6
□	□
□	□

7.

□	□
5)6	0
5	↓
□	□
□	□
□	□

8.

□	□
4)5	2
□	↓
1	2
□	□
□	□

9.

□	□
2)4	6
□	↓
□	□
□	□
□	□

10.

□	□
4)6	8
□	↓
□	□
□	□
□	□

11.

□	□
8)9	6
□	↓
□	□
□	□
□	□

12.

□	□
3)7	2
□	↓
□	□
□	□
□	□