tutorified

Division Patterns Using Facts

1. Use the facts and division patterns to complete the division sentences.

Example:	36 ÷ 6 =	54 ÷ 9 =	48 ÷ 6 =
32 ÷ 8 = 4			
320 ÷ 8 = 40	360 ÷ 6 =	540 ÷ 9 =	480 ÷ 6 =
3,200 ÷ 8 = 400	3,600 ÷ 6 =	5,400 ÷ 9 =	4,800 ÷ 6 =
32,000 ÷ 8 = 4,000	36,000 ÷ 6 =	54,000 ÷ 9 =	48,000 ÷ 6 =

42 ÷ 6 =	56 ÷ 4 =	50 ÷ 5 =	63 ÷ 7 =
420 ÷ 6 =	560 ÷ 4 =	500 ÷ 5 =	630 ÷ 7 =
4,200 ÷ 6 =	5,600 ÷ 4 =	5,000 ÷ 5 =	6,300 ÷ 7 =
42,000 ÷ 6 =	56,000 ÷ 4 =	50,000 ÷ 5 =	63,000 ÷ 7 =

2. Use facts and multiplication patterns to find the quotient.

a. $7,200 ÷ 90 =$
b. $6,400 ÷ 80 =$
c. $63,000 ÷ 70 =$
d. $2,400 ÷ 40 =$
e. $77,000 ÷ 11 =$
f. $96,000 ÷ 12 =$

a.
b.
c.
d.
e.
f.

g. $32,000 ÷ 80 =$
h. $7,000 ÷ 50 =$
i. $5,400 ÷ 60 =$
j. $8,100 ÷ 9 =$
k. $48,000 ÷ 8,000 =$
l. $56,000 ÷ 7,000 =$

g.
h.
i.
j.
k.
l.

3. A laundry shop has 60 washing machines to wash clothes. If all machines can wash 3,600 clothes at a time, how many clothes can a single machine wash in one cycle?

Solution:

4. A boat is carrying 400 kilograms of weight. If there were 8 people in the boat, what was the average weight of each person?

Solution:

5. A power plant supplies 80,000,000 watts of electricity to a town every day. There are 10,000 households in the town. How much electricity does a single household use in a day?

Solution:

6. A company spends $5,600,000 to buy 7,000 new computers. Each computer comes with a $200 mail-in rebate. How much did each computer cost after the rebate?
A. $500   B. $600   C. $700   D. $800

Solution:

Division Patterns Using Facts

1. Use the facts and division patterns to complete the division sentences.

Example: $32 \div 8 = 4$ $320 \div 8 = 40$ $3,200 \div 8 = 400$ $32,000 \div 8 = 4,000$	$36 \div 6 = 6$ $360 \div 6 = 60$ $3,600 \div 6 = 600$ $36,000 \div 6 = 6,000$	$54 \div 9 = 6$ $540 \div 9 = 60$ $5,400 \div 9 = 600$ $54,000 \div 9 = 6,000$	$48 \div 6 = 8$ $480 \div 6 = 80$ $4,800 \div 6 = 800$ $48,000 \div 6 = 8,000$
$42 \div 6 = 7$ $420 \div 6 = 70$ $4,200 \div 6 = 700$ $42,000 \div 6 = 7,000$	$56 \div 4 = 14$ $560 \div 4 = 140$ $5,600 \div 4 = 1,400$ $56,000 \div 4 = 14,000$	$50 \div 5 = 10$ $500 \div 5 = 100$ $5,000 \div 5 = 1,000$ $50,000 \div 5 = 10,000$	$63 \div 7 = 9$ $630 \div 7 = 90$ $6,300 \div 7 = 900$ $63,000 \div 7 = 9,000$

2. Use facts and multiplication patterns to find the quotient.

a. $7,200 \div 90 =$ a. 80

b. $6,400 \div 80 =$ b. 80

c. $63,000 \div 70 =$ c. 900

d. $2,400 \div 40 =$ d. 60

e. $77,000 \div 11 =$ e. 7,000

f. $96,000 \div 12 =$ f. 8,000

g. $32,000 \div 80 =$ g. 400

h. $7,000 \div 50 =$ h. 140

i. $5,400 \div 60 =$ i. 90

j. $8,100 \div 9 =$ j. 900

k. $48,000 \div 8,000 =$ k. 6

l. $56,000 \div 7,000 =$ l. 8

3. A laundry shop has 60 washing machines to wash clothes. If all machines can wash 3,600 clothes at a time, how many clothes can a single machine wash in one cycle?

Solution:
60 clothes

4. A boat is carrying 400 kilograms of weight. If there were 8 people in the boat, what was the average weight of each person?

Solution:
50 kilograms

5. A power plant supplies 80,000,000 watts of electricity to a town every day. There are 10,000 households in the town. How much electricity does a single household use in a day?

Solution:
8,000 watts

6. A company spends $5,600,000 to buy 7,000 new computers. Each computer comes with a $200 mail-in rebate. How much did each computer cost after the rebate?
A. $500   B. $600   C. $700   D. $800

Solution: B