

# Worksheet

06/08/2018

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Problem quickname: 8721

1)

Fill in the missing numbers and continue the series of multiplication terms.

Quick:  
8721

a)  $4800=6 \cdot 800$

$4800=60 \cdot 80$

$4800=600 \cdot 8$

b)  $25000=5 \cdot 5000$

$25000=50 \cdot 500$

$25000=500 \cdot 50$

$25000=5000 \cdot 5$

c)  $280000=7 \cdot 40000$

$280000=70 \cdot 4000$

$280000=700 \cdot 400$

$280000=7000 \cdot 40$

$280000=70000 \cdot 4$

d)  $8000=2 \cdot 4000$

$8000=20 \cdot 400$

$8000=200 \cdot 40$

$8000=2000 \cdot 4$

e)  $25000=5 \cdot 5000$

$25000=50 \cdot 500$

$25000=500 \cdot 50$

$25000=5000 \cdot 5$

f)  $90000=3 \cdot 30000$

$90000=30 \cdot 3000$

$90000=300 \cdot 300$

$90000=3000 \cdot 30$

$90000=30000 \cdot 3$

g)  $28000=7 \cdot 4000$

$28000=70 \cdot 400$

$28000=700 \cdot 40$

$28000=7000 \cdot 4$

h)  $180000=3 \cdot 60000$

$180000=30 \cdot 6000$

$180000=300 \cdot 600$

$180000=3000 \cdot 60$

$180000=30000 \cdot 6$

i)  $250000=5 \cdot 50000$

$250000=50 \cdot 5000$

$250000=500 \cdot 500$

$250000=5000 \cdot 50$

$250000=50000 \cdot 5$

j)  $25000=5 \cdot 5000$

$25000=50 \cdot 500$

$25000=500 \cdot 50$

$25000=5000 \cdot 5$

2)Quick:  
8721

Fill in the missing numbers.

a)  $10000=1\cdot 10000$   
 $10000=10\cdot 1000$   
 $10000=100\cdot 100$   
 $10000=1000\cdot 10$   
 $10000=10000\cdot 1$

b)  $100000=5\cdot 20000$   
 $100000=50\cdot 2000$   
 $100000=500\cdot 200$   
 $100000=5000\cdot 20$   
 $100000=50000\cdot 2$

c)  $1000=1\cdot 1000$   
 $1000=10\cdot 100$   
 $1000=100\cdot 10$   
 $1000=1000\cdot 1$

d)  $10000=5\cdot 2000$   
 $10000=50\cdot 200$   
 $10000=500\cdot 20$   
 $10000=5000\cdot 2$

e)  $1000=1\cdot 1000$   
 $1000=10\cdot 100$   
 $1000=100\cdot 10$   
 $1000=1000\cdot 1$

f)  $10000=2\cdot 5000$   
 $10000=20\cdot 500$   
 $10000=200\cdot 50$   
 $10000=2000\cdot 5$

g)  $1000=2\cdot 500$   
 $1000=20\cdot 50$   
 $1000=200\cdot 5$

h)  $1000=1\cdot 1000$   
 $1000=10\cdot 100$   
 $1000=100\cdot 10$   
 $1000=1000\cdot 1$

i)  $100000=2\cdot 50000$   
 $100000=20\cdot 5000$   
 $100000=200\cdot 500$   
 $100000=2000\cdot 50$   
 $100000=20000\cdot 5$

j)  $10000=1\cdot 10000$   
 $10000=10\cdot 1000$   
 $10000=100\cdot 100$   
 $10000=1000\cdot 10$   
 $10000=10000\cdot 1$

3)Quick:  
8721

Fill in the missing numbers and continue the series of multiplication terms.

a)  $150000=5\cdot 30000$   
 $150000=50\cdot 3000$   
 $150000=500\cdot 300$   
 $150000=5000\cdot 30$   
 $150000=50000\cdot 3$

b)  $480000=8\cdot 60000$   
 $480000=80\cdot 6000$   
 $480000=800\cdot 600$   
 $480000=8000\cdot 60$   
 $480000=80000\cdot 6$

c)  $60000=3\cdot 20000$   
 $60000=30\cdot 2000$   
 $60000=300\cdot 200$   
 $60000=3000\cdot 20$   
 $60000=30000\cdot 2$

- d)  $2700000=3\cdot 900000$   
 $2700000=30\cdot 90000$   
 $2700000=300\cdot 9000$   
 $2700000=3000\cdot 900$   
 $2700000=30000\cdot 90$   
 $2700000=300000\cdot 9$
- e)  $12000000=3\cdot 4000000$   
 $12000000=30\cdot 400000$   
 $12000000=300\cdot 40000$   
 $12000000=3000\cdot 4000$   
 $12000000=30000\cdot 400$   
 $12000000=300000\cdot 40$   
 $12000000=3000000\cdot 4$
- f)  $5600000=8\cdot 700000$   
 $5600000=80\cdot 70000$   
 $5600000=800\cdot 7000$   
 $5600000=8000\cdot 700$   
 $5600000=80000\cdot 70$   
 $5600000=800000\cdot 7$
- g)  $24000000=3\cdot 8000000$   
 $24000000=30\cdot 800000$   
 $24000000=300\cdot 80000$   
 $24000000=3000\cdot 8000$   
 $24000000=30000\cdot 800$   
 $24000000=300000\cdot 80$   
 $24000000=3000000\cdot 8$
- h)  $2800000=4\cdot 700000$   
 $2800000=40\cdot 70000$   
 $2800000=400\cdot 7000$   
 $2800000=4000\cdot 700$   
 $2800000=40000\cdot 70$   
 $2800000=400000\cdot 7$
- i)  $250000=5\cdot 50000$   
 $250000=50\cdot 5000$   
 $250000=500\cdot 500$   
 $250000=5000\cdot 50$   
 $250000=50000\cdot 5$

$$\begin{aligned} \text{j) } 24000000 &= 4 \cdot 6000000 \\ 24000000 &= 40 \cdot 600000 \\ 24000000 &= 400 \cdot 60000 \\ 24000000 &= 4000 \cdot 6000 \\ 24000000 &= 40000 \cdot 600 \\ 24000000 &= 400000 \cdot 60 \\ 24000000 &= 4000000 \cdot 6 \end{aligned}$$

4)

Fill in the missing numbers.

Quick:  
8721

$$\begin{aligned} \text{a) } 100000 &= 2 \cdot 50000 \\ 100000 &= 20 \cdot 5000 \\ 100000 &= 200 \cdot 500 \\ 100000 &= 2000 \cdot 50 \\ 100000 &= 20000 \cdot 5 \end{aligned}$$

$$\begin{aligned} \text{b) } 10000 &= 2 \cdot 5000 \\ 10000 &= 20 \cdot 500 \\ 10000 &= 200 \cdot 50 \\ 10000 &= 2000 \cdot 5 \end{aligned}$$

$$\begin{aligned} \text{c) } 1000 &= 1 \cdot 1000 \\ 1000 &= 10 \cdot 100 \\ 1000 &= 100 \cdot 10 \\ 1000 &= 1000 \cdot 1 \end{aligned}$$

$$\begin{aligned} \text{d) } 10000 &= 1 \cdot 10000 \\ 10000 &= 10 \cdot 1000 \\ 10000 &= 100 \cdot 100 \\ 10000 &= 1000 \cdot 10 \\ 10000 &= 10000 \cdot 1 \end{aligned}$$

$$\begin{aligned} \text{e) } 100000 &= 1 \cdot 100000 \\ 100000 &= 10 \cdot 10000 \\ 100000 &= 100 \cdot 1000 \\ 100000 &= 1000 \cdot 100 \\ 100000 &= 10000 \cdot 10 \\ 100000 &= 100000 \cdot 1 \end{aligned}$$

$$\begin{aligned} \text{f) } 100000 &= 1 \cdot 100000 \\ 100000 &= 10 \cdot 10000 \\ 100000 &= 100 \cdot 1000 \\ 100000 &= 1000 \cdot 100 \\ 100000 &= 10000 \cdot 10 \\ 100000 &= 100000 \cdot 1 \end{aligned}$$

$$\begin{aligned} \text{g) } 10000 &= 2 \cdot 5000 \\ 10000 &= 20 \cdot 500 \\ 10000 &= 200 \cdot 50 \\ 10000 &= 2000 \cdot 5 \end{aligned}$$

$$\begin{aligned} \text{h) } 100000 &= 1 \cdot 100000 \\ 100000 &= 10 \cdot 10000 \\ 100000 &= 100 \cdot 1000 \\ 100000 &= 1000 \cdot 100 \\ 100000 &= 10000 \cdot 10 \\ 100000 &= 100000 \cdot 1 \end{aligned}$$

Solutions to smp-8721-2/UUFB

i)  $1000000=2\cdot 500000$   
 $1000000=20\cdot 50000$   
 $1000000=200\cdot 5000$   
 $1000000=2000\cdot 500$   
 $1000000=20000\cdot 50$   
 $1000000=200000\cdot 5$

j)  $10000=2\cdot 5000$   
 $10000=20\cdot 500$   
 $10000=200\cdot 50$   
 $10000=2000\cdot 5$

Good Luck!