

# LITTLE BITES AT BIG MULTIPLICATIONS AND DIVISIONS

## (B)

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I am learning to solve multiplication and division problems using factors of factors.

**PRIOR KNOWLEDGE REQUIRED:** To do these I need to be quick and accurate at my multiplication and division basic facts questions.

1)

Question	Question	Question	Question
a) $5 \times 3 =$	e) $12 \div 4 =$	i) $55 \div 11 =$	m) $8 \times 5 =$
b) $7 \times 6 =$	f) $3 \times 3 =$	j) $2 \times 7 =$	n) $35 \div 7 =$
c) $42 \div 6 =$	g) $9 \times 5 =$	k) $60 \div 5 =$	o) $8 \times 8 =$
d) $6 \times 2 =$	h) $80 \div 8 =$	l) $7 \times 7 =$	p) $4 \times 3 =$

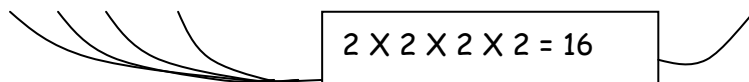
**NEW STRATEGY USING MATERIALS OR IMAGING:**

You may find it helpful to make these equations with cubes or other materials.

1) Use column 1 to fill the blanks in column 2 and column 3 to fill the blanks in column 4 like in the example below then solve.

$2 \times 2 \times 2 \times 2 \times 7 =$

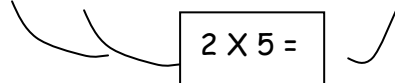
$16 \times 7 =$



Column 1	Column 2	Column 3	Column 4
a) $2 \times 2 \times 2 \times 2 \times 6 =$	$16 \times \dots =$	e) $2 \times 2 \times 2 \times 2 \times 9 =$	$16 \times \dots =$
b) $2 \times 2 \times 8 =$	$4 \times \dots =$	f) $2 \times 2 \times 2 \times 2 \times 7 =$	$16 \times \dots =$
c) $2 \times 2 \times 2 \times 3 =$	$8 \times \dots =$	g) $2 \times 2 \times 7 =$	$4 \times \dots =$
d) $2 \times 2 \times 2 \times 4 =$	$8 \times \dots =$	h) $2 \times 2 \times 2 \times 2 \times 5 =$	$16 \times \dots =$

**NEW STRATEGY USING MATERIALS OR IMAGING:**

$50 \div 2 \div 5 =$  is the same as  $50 \div 10 =$ .



3) Change the equations in the table like the example above then answer.

Question	Answer	Question	Answer
a) $40 \div 2 \div 4 =$	$40 \div 8 = 5$	e) $54 \div 6 \div 3 =$	
b) $60 \div 2 \div 5 =$		f) $20 \div 2 \div 5 =$	
c) $28 \div 2 \div 7 =$		g) $36 \div 9 \div 2 =$	
d) $63 \div 3 \div 3 =$		h) $42 \div 7 \div 2 =$	

**WORD PROBLEMS USING NUMBER PROPERTIES:**

You may find it helpful to change this word problem in the way you have been in the practice problems above.

2) Ken has 2 crates. Inside each crate are 2 boxes. Inside each box are 5 packets with 5 C.D players. How many C.D Players are there in total?