

A LITTLE BIT MORE/ A LITTLE BIT LESS

E	CA	AC	EA	AA	AM	AP
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I am learning to solve multiplication problems by taking some off or putting some on (compensation).

PRIOR KNOWLEDGE REQUIRED: You must be quick and accurate at adding and subtracting single digit numbers from two digit numbers to be successful at this strategy.

1)

Question	Answer	Question	Answer
a) $30 - 6 =$		f) $24 - 2 =$	
b) $81 - 9 =$		g) $16 + 4 =$	
c) $12 + 4 =$		h) $24 + 8 =$	
d) $45 - 5 =$		i) $35 - 7 =$	
e) $36 + 6 =$		j) $42 + 7 =$	

NEW STRATEGY WITH MATERIALS:

Use column 1 to help you answer column 2 and column 3 to help you answer column 4. Use Unifix cubes to make the equations in column 1 and 2.

2)

Column 1	Column 2	Column 3	Column 4
a) $6 \times 5 =$	$6 \times 6 =$	f) $2 \times 8 =$	$2 \times 7 =$
b) $4 \times 6 =$	$4 \times 7 =$	g) $3 \times 5 =$	$3 \times 4 =$
c) $3 \times 7 =$	$3 \times 6 =$	h) $3 \times 10 =$	$3 \times 9 =$
d) $7 \times 5 =$	$7 \times 4 =$	i) $7 \times 10 =$	$7 \times 9 =$
e) $6 \times 5 =$	$6 \times 4 =$	j) $6 \times 10 =$	$6 \times 9 =$

NEW STRATEGY USING IMAGING:

3) Do not use cubes to help you solve these problems.

Question	Answer	Question	Answer
a) $5 \times 7 =$		f) $7 \times 6 =$	
b) $4 \times 4 =$		g) $4 \times 8 =$	
c) $7 \times 4 =$		h) $3 \times 7 =$	
d) $6 \times 8 =$		i) $4 \times 6 =$	
e) $5 \times 8 =$		j) $7 \times 7 =$	

WORD PROBLEMS USING NUMBER PROPERTIES:

Bill has 5 bags with 20 cookies in each which means he has 100 cookies.

$(5 \times 20 = 100)$

4) He ate one of the bags. How many cookies does he have now? Write the equation and solve.

5) Bill went to the shops and bought 2 more bags so he now has 6 bags of cookies. How many cookies does he have? Write the equation and solve.

$7 \times 50 = 350$ so what is? 6) $7 \times 49 =$ 7) $7 \times 51 =$

A LITTLE BIT MORE/ A LITTLE BIT LESS (B)

E	CA	AC	EA	AA	AM	AP
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I am learning to solve multiplication problems by taking some off or putting some on (compensation).

PRIOR KNOWLEDGE REQUIRED: You must be quick and accurate at adding and subtracting single digit numbers from two digit numbers to be successful at this strategy.

1)

Question	Answer	Question	Answer
a) $60 - 7 =$		f) $88 - 6 =$	
b) $74 - 6 =$		g) $24 + 8 =$	
c) $14 + 8 =$		h) $36 + 8 =$	
d) $52 - 9 =$		i) $47 - 9 =$	
e) $43 + 8 =$		j) $51 + 6 =$	

NEW STRATEGY WITH MATERIALS:

Use column 1 to help you answer column 2 and column 3 to help you answer column 4. Use Unifix cubes to make the equations in column 1 and 2.

2)

Column 1	Column 2	Column 3	Column 4
a) $4 \times 3 =$	$4 \times 4 =$	f) $10 \times 3 =$	$10 \times 4 =$
b) $8 \times 3 =$	$8 \times 4 =$	g) $9 \times 5 =$	$9 \times 4 =$
c) $9 \times 6 =$	$9 \times 5 =$	h) $6 \times 3 =$	$6 \times 4 =$
d) $3 \times 8 =$	$3 \times 9 =$	i) $5 \times 10 =$	$5 \times 9 =$
e) $5 \times 6 =$	$5 \times 7 =$	j) $4 \times 8 =$	$4 \times 7 =$

NEW STRATEGY USING IMAGING:

3) Do not use cubes to help you solve these problems.

Question	Answer	Question	Answer
a) $3 \times 2 =$		f) $8 \times 4 =$	
b) $5 \times 7 =$		g) $7 \times 3 =$	
c) $9 \times 3 =$		h) $4 \times 9 =$	
d) $8 \times 2 =$		i) $5 \times 9 =$	
e) $7 \times 6 =$		j) $2 \times 6 =$	

WORD PROBLEMS USING NUMBER PROPERTIES:

Steve has 10 cans of tennis balls with 5 balls in each can.

$(10 \times 5 = 50)$

4) He lost one of the cans. How many tennis balls does he have now? Write the equation and solve.

5) He found that can and his Grandma gave him 2 more cans. How many tennis balls does he have now? Write the equation and solve.

$6 \times 50 = 300$ so what is? 6) $6 \times 49 =$ 7) $6 \times 51 =$