

TURN ABOUTS

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I am learning to change the order of the numbers to make multiplication easier.

PRIOR KNOWLEDGE REQUIRED: I am still getting quicker and more accurate at my two, five, six, seven and 10 times tables.

1) Time how quickly you can answer these.

Question	Question	Question	Answer
a) $2 \times 7 =$	f) $2 \times 6 =$	k) $2 \times 5 =$	p) $10 \times 5 =$
b) $5 \times 4 =$	g) $5 \times 3 =$	l) $5 \times 8 =$	q) $6 \times 3 =$
c) $7 \times 3 =$	h) $6 \times 2 =$	m) $7 \times 9 =$	r) $6 \times 6 =$
d) $4 \times 3 =$	i) $10 \times 8 =$	n) $7 \times 3 =$	s) $7 \times 4 =$
e) $10 \times 2 =$	j) $7 \times 7 =$	o) $10 \times 4 =$	t) $2 \times 9 =$

NEW STRATEGY USING MATERIALS:

3×4 gives you the same answer as 4×3 .

2) Change the order of these harder multiplications to make them easier.

You may find it useful to make these multiplication equations with materials.

Question	Answer	Question	Answer
a) $9 \times 2 =$	$2 \times 9 = 18$	f) $7 \times 2 =$	
b) $6 \times 2 =$		g) $8 \times 5 =$	
c) $8 \times 5 =$		h) $9 \times 6 =$	
d) $8 \times 7 =$		i) $7 \times 3 =$	
e) $5 \times 2 =$		j) $6 \times 5 =$	

NEW STRATEGY WITH IMAGING:

1) Change the order of these multiplications to make them easier. Do not use materials to answer these.

Question	Answer	Question	Answer
a) $4 \times 5 =$		e) $8 \times 2 =$	
b) $9 \times 2 =$		f) $8 \times 6 =$	
c) $9 \times 5 =$		g) $7 \times 10 =$	
d) $7 \times 2 =$		h) $6 \times 3 =$	

WORD PROBLEMS USING NUMBER PROPERTIES:

You may find it helpful to change the order of these multiplication equations.

4) There are 50 crackers in a pack and Mary has 4 packs. How many crackers does she have?

5) There are 9 cookies in a pack and Steve has 2 packs. How many cookies does he have?