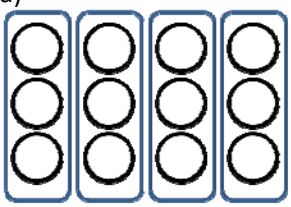
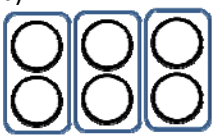
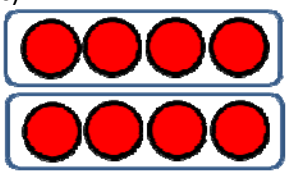
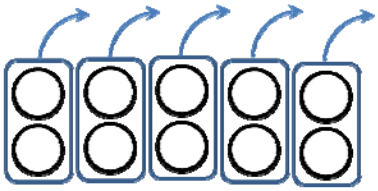
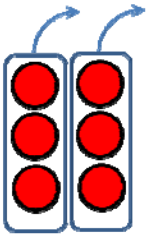
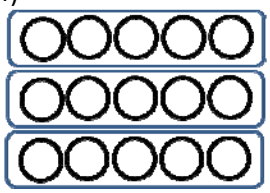
Name:_____ Date:_____

Math 8 Assignment 1.1 Multiplying Integers with Counters

1. Given each diagram, write the multiplication statement

a) 	b) 	c) 
d) 	e) 	f) 

2. Multiply each of the following:

a) 6×7	b) 4×3	c) 9×3	d) 5×8
e) 2×7	f) 5×4	g) 8×4	h) 6×3
i) 4×9	j) 5×7	k) 4×7	L) 7×8
m) -6×9	n) $2\times(-9)$	o) $-3\times(-8)$	p) $-3\times(-7)\times(-2)$
q) $-4\times 3\times(-1)$	r) $-5\times(-4)\times 3$	s) $-2\times(-3)\times(-4)$	t) $4\times 5\times 9$

Copyright All Rights Reserved at Homework Depot www.BCMath.ca

3. Draw each of the following multiplication statements using counters:

a) 5×3	b) $2 \times (-7)$	c) -3×4

4. For what value of "k" will the following statements be true?

a) $3 \times 4 \times k = 60$	b) $2 \times 8 \times k = 120$	c) $3 \times 2 \times k = 5 \times 12$

5. If your 3G network can download a song at 0.2 MB per second, how much data can it download in 1 minute? How long will it take to download a music video that requires 40MB.

6. If three apples cost $1.25, how much would 24 apples cost?

7. When we multiply the following three integers, which one will be bigger? $4 \times 5 \times 6$ OR $6 \times 5 \times 4$? Explain why.

Copyright All Rights Reserved at Homework Depot www.BCMath.ca