# Adding Negative Numbers Worksheet
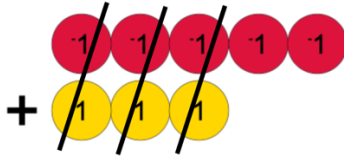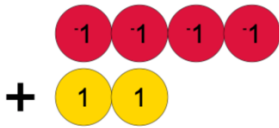
**Example**

Calculate -5 + 3

Represent using counters

Remove zero-pairs
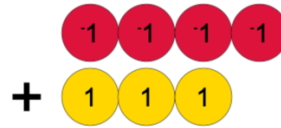
Identify answer from remaining counters

-5 + 3 = -2

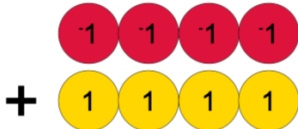**1** Calculate each of the following by crossing out the zero-pairs in each diagram.
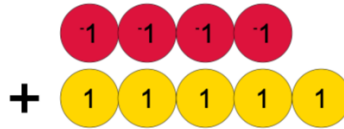
a) -4 + 2

Answer:

b) -4 + 3

Answer:

c) -4 + 4
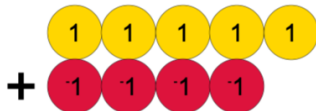
Answer:

d) -4 + 5
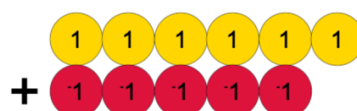
Answer:

e) 5 + -4

Answer:

f) 6 + -5

Answer:

g) How is the diagram in part b) different to the diagram in part a)?

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_____

h) What do you notice about the answers to parts d) and e)? Why is this?

_____

_____

i) What do you notice about the answers to parts e) and f)? Why is this?

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_____

_____

**2**  Complete the table below by drawing the correct diagram.

| | Question | Draw Diagram Cross out zero-pairs | Answer |
|---|---|---|---|
| a) | 3 + (-4) | | |
| b) | 2 + (-4) | | |
| c) | (-4) + 2 | | |
| d) | (-4) + 5 | | |
| e) | (-5) + 4 | | |
| f) | (-6) + 4 | | |
| g) | (-3) + 2 | | |
| h) | (-3) + 0 | | |
| i) | (-3) + (-2) | | |
| j) | (-2) + (-3) | | |
| k) | (-1) + (-2) | | |
| l) | (-1) + (-2) + (-3) | | |