

Direct Number - Subtraction Using Directed Counters

ANSWERS



Section A:

Write down the calculation that each set of counters represents, along with the answer to the calculation.

Example:  $-6 - -2 = -4$

1)  $6 - 2 = 4$

2)  $-4 - -3 = -1$

3)  $-4 - -6 = 2$

4)  $6 - -2 = 8$

Section B: Now answer these questions, draw out the counters to help.

1) $-7 - -4 = -3$

2) $-9 - -5 = -4$

3) $-6 - -4 = -2$

4) $-2 - -3 = 1$

5) $-6 - -7 = 1$

6) $4 - -4 = 8$

7) $4 - 7 = -3$

8) $12 - 9 = 3$

9) $4 - 8 = -4$

What do you notice happens when you subtract a negative number?

When subtracting a negative, the answers are greater than the starting number. Subtracting a negative is the same as adding, e.g. $-7 - -4 = -7 + 4$

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Section C: Now try these questions.

$1) \quad 10 - -4 = \boxed{14}$

$11) \quad 5 - 18 = \boxed{-13}$

$2) \quad -10 - -4 = \boxed{-6}$

$12) \quad -5 - 18 = \boxed{-23}$

$3) \quad -10 - 4 = \boxed{-14}$

$13) \quad -14 - 25 = \boxed{-39}$

$4) \quad 5 - -19 = \boxed{24}$

$14) \quad -14 - -25 = \boxed{11}$

$5) \quad -5 - -19 = \boxed{14}$

$15) \quad -19 - 6 = \boxed{-25}$

$6) \quad -12 - 8 = \boxed{-20}$

$16) \quad 24 - -19 = \boxed{43}$

$7) \quad 0 - -8 = \boxed{8}$

$17) \quad 31 - -48 = \boxed{79}$

$8) \quad 3 - -9 = \boxed{12}$

$18) \quad -52 - 72 = \boxed{-124}$

$9) \quad -6 - 15 = \boxed{-21}$

$19) \quad -81 - 37 = \boxed{-118}$

$10) \quad -8 - -3 = \boxed{-5}$

$20) \quad -62 - -23 = \boxed{-39}$

Section D: Use the numbers shown on the cards to make the calculations correct.
You may use the numbers as many times as you like.



$\boxed{-2} - \boxed{-2} = 0$

$\boxed{-4} - \boxed{1} = -5$

$\boxed{-2} - \boxed{-1} = -1$

$\boxed{-4} - \boxed{2} = -6$

$\boxed{-2} - \boxed{0} = -2$

$\boxed{-4} - \boxed{3} = -7$

$\boxed{-2} - \boxed{1} = -3$

$\boxed{-4} - \boxed{4} = -8$