

Mathematics

Subtracting Positive Numbers Worksheet

Mrs Buckmire



Try this

Select two of the integers and calculate their sum:

$$\boxed{} + \boxed{} = \boxed{?}$$

- | | | |
|----|----|---|
| -2 | -7 | 2 |
| -6 | -8 | 6 |
| 7 | -5 | 3 |
| 5 | -3 | 8 |

A

Can you find a zero pair?

B

What is the greatest/least sum you can find?

C

What other numbers can you make?

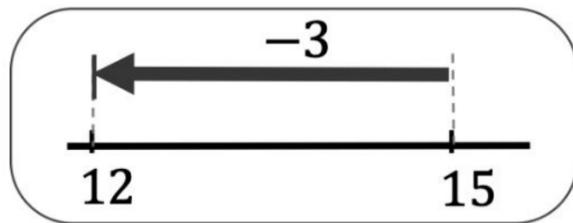
Return to the video once completed



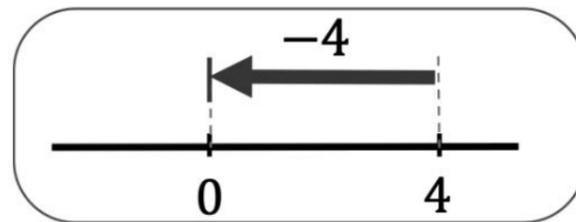
Independent task

1. For each of the number lines write down two calculations, an addition and a subtraction:

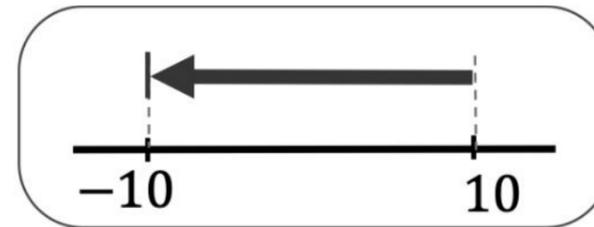
a)



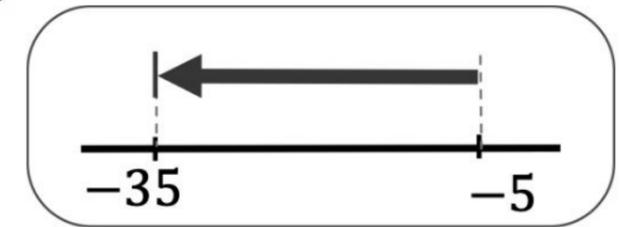
b)



c)



d)



2. Identify the equal pairs of calculations, you do not need to calculate the value.

a) $12 + (-5)$ b) $5 - 12$ c) $(-5) - 12$ d) $5 + (-5)$

e) $5 - 5$ f) $(-5) + (-12)$ g) $5 + (-12)$ h) $12 - 5$

3. Calculate each of the following subtractions:

a) $20 - 14$ b) $14 - 20$ c) $15 - 30$ d) $30 - 15$

e) $1 - 10$ f) $6 - 99$ g) $94 - 184$ h) $234 - 622$

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4. Draw a sketch of a number line for the following calculations: $6 + 12$ and $(-6) - 12$



Explore

Consider each of the following statements.
Decide for each if it is always, sometimes or never true.

x is a positive number

$$x - 2 > 0$$

$$x + (-2) = x - 2$$

$$-2 - x > -(2 + x)$$

$$-x + 2 = 2 - x$$

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video once
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