

Good Morning... Do Now Task

1. Write down all of the prime numbers between 20 and 40
2. $4^2 =$
3. $2^3 =$
4. $9^2 =$
5. $4 + 5 - 2 =$
6. $7 \times 4 \div 2 =$
7. $4 + 3 \times 5 =$

Extension

1. $(4 + 3)^2 - 12 =$
2. $(2^3 + 19^4) \times 0 =$

Form Session 3.4

What will I learn today?

How to calculate using negative numbers

Why will I learn it?

To help us get calculations correct!

Key vocabulary for today's lesson:

Negative

Positive



St Anne's
Church of England Academy

The best for everyone
The best from everyone
We have faith in our future

Negative Numbers: Let's do together

Use the number line to calculate the following:

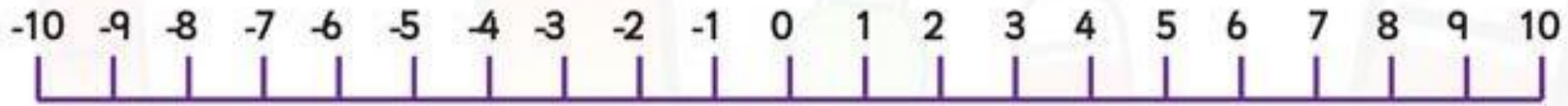
1. $9 - 5 =$

2. $4 - 4 =$

3. $2 - 5 =$

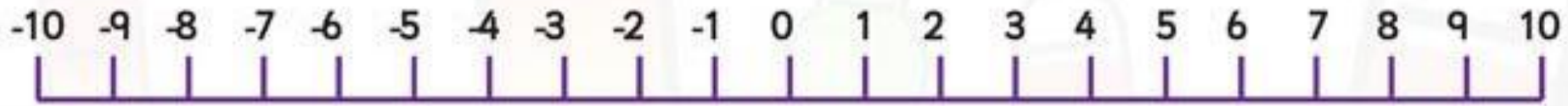
4. $0 - 7 =$

5. $-4 - 6 =$



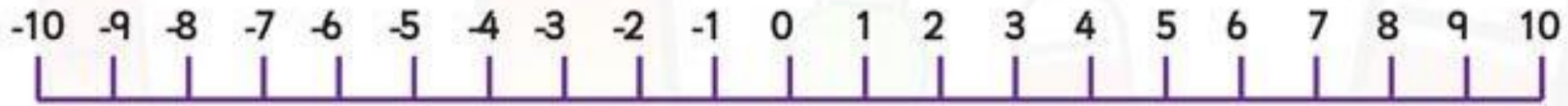
On your whiteboards...

$$9 - 3 =$$



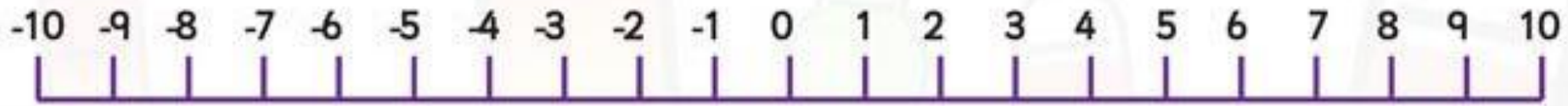
On your whiteboards...

$$3 - 9 =$$



On your whiteboards...

$$0 - 6 =$$



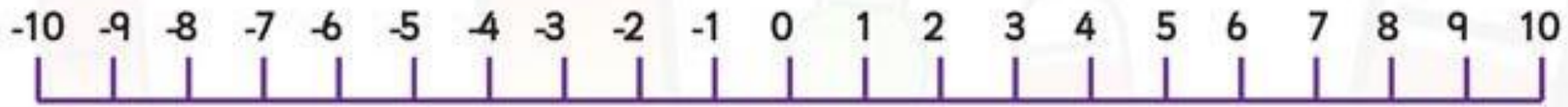
On your whiteboards...

$$-5 - 2 =$$



On your whiteboards...

$$-4 - 4 =$$



Negative Numbers: Let's do together

Use the number line to calculate the following:

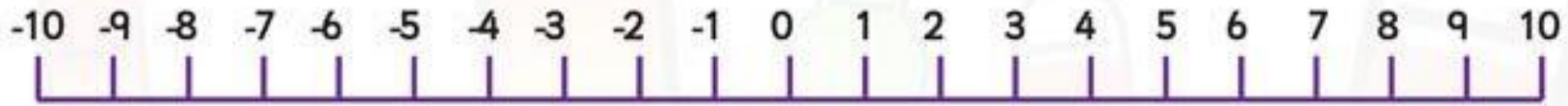
1. $2 + 5 =$

2. $3 + 6 =$

3. $-4 + 5 =$

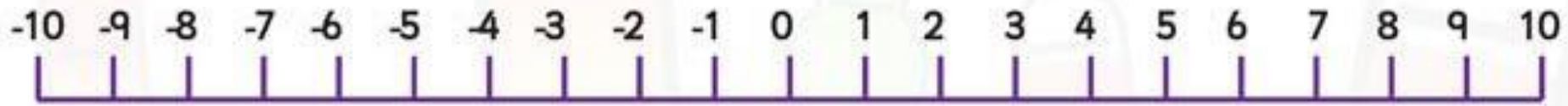
4. $0 + 7 =$

5. $-5 + 5 =$



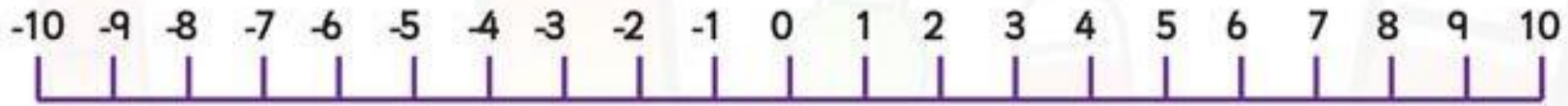
On your whiteboards...

$$3 + 4 =$$



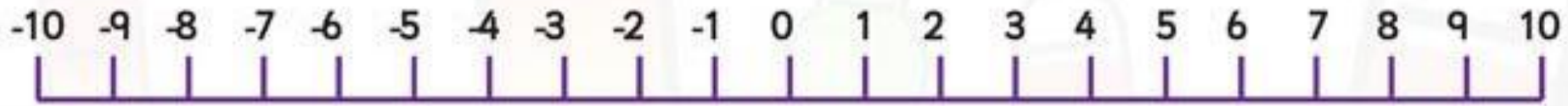
On your whiteboards...

$$-3 + 4 =$$



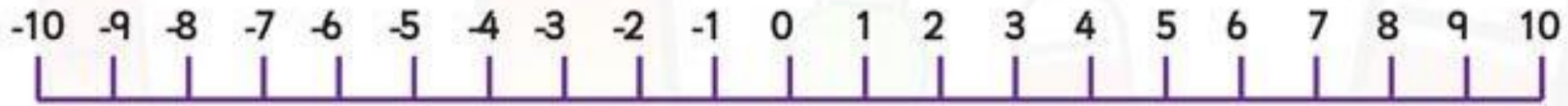
On your whiteboards...

$$-4 + 3 =$$



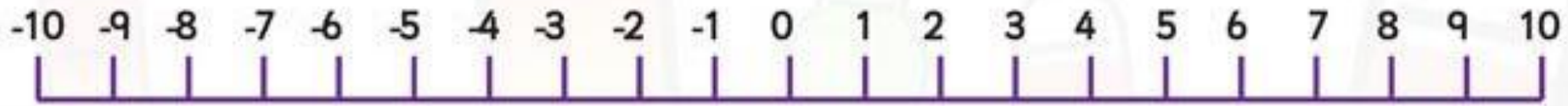
On your whiteboards...

$$-3 + 3 =$$



On your whiteboards...

$$-8 + 2 =$$



Negative Numbers - You Do

(a) $2 - 3$

(b) $3 - 5$

(c) $4 - 9$

(d) $1 - 5$

(e) $5 - 7$

(f) $6 - 7$

(g) $8 - 11$

(h) $2 - 10$

(i) $-2 + 4$

(j) $-3 + 9$

(k) $-7 + 10$

(l) $-6 + 1$

(m) $-5 + 8$

(n) $-9 + 7$

(o) $-20 + 11$

(p) $-12 + 18$

(a) $3 + 5 - 4$

(b) $2 + 1 - 6$

(c) $5 - 8 - 1$

(d) $7 - 10 + 1$

(e) $8 + 3 - 15$

(f) $5 - 6 - 4$

(g) $1 - 7 - 4$

(h) $-3 + 6 + 1$

(i) $-8 + 2 + 3$

(j) $-10 + 4 - 6$

(k) $-9 - 3 - 1$

(l) $-2 - 7 + 4$

Negative Numbers - Mark your answers!

(a) -1 (b) -2 (c) -5 (d) -4 (e) -2 (f) -1 (g) -3 (h) -8
(i) 2 (j) 6 (k) 3 (l) -5 (m) 3 (n) -2 (o) -9 (p) 6
(q) -5 (r) -5 (s) -9 (t) -6 (u) -10 (v) -13 (w) -21 (x) -28

(a) 4 (b) -3 (c) -4 (d) -2 (e) -4 (f) -5 (g) -10 (h) 4
(i) -3 (j) -12 (k) -13 (l) -5 (m) -15 (n) 1 (o) -11 (p) -70