Name: .... Class: ....
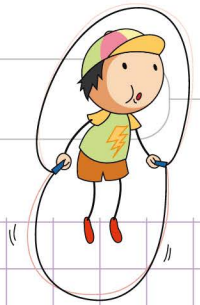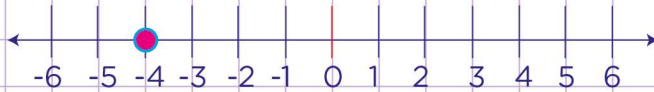
Understand absolute value

1. On the number line below, how far is -7 and 7 away from zero.
What is the absolute value of -7 and 7?

```
←——┼——┼——┼——┼——┼——┼——┼——┼——┼——┼——┼——┼——┼——┼——┼——┼——┼——┼——┼——┼——┼——→
   -10 -9 -8 -7 -6  -5 -4 -3 -2 -1  0  1  2  3  4  5  6  7  8  9 10
```
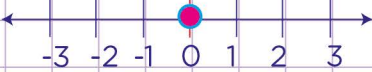
2. Look at the point on the number lines below. Choose the correct absolute value of the number from the list indicated on each number line.
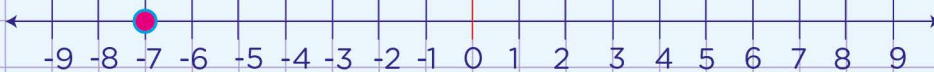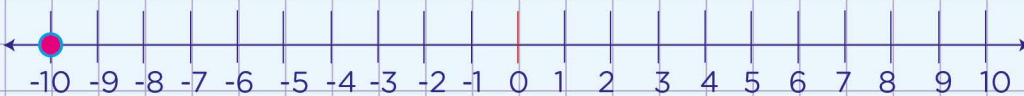
```
←——┼——●——┼——┼——┼——┼——┼——┼——┼——┼——┼——┼——→
   -6  -5 -4 -3 -2 -1  0  1  2  3  4  5  6
```

☐ |-4| ☐ |4| ☐ 4   ☐ |-4|

```
←——┼——●——┼——┼——┼——┼——┼——┼——┼——┼——┼——┼——┼——┼——┼——┼——┼——→
   -9 -8 -7 -6  -5 -4 -3 -2 -1  0  1  2  3  4  5  6  7  8  9
```

☐ 7   ☐ |7| ☐ |+7| ☐ |-7|

```
←——┼——┼——●——┼——┼——┼——→
   -3 -2 -1  0  1  2  3
```

☐ |0| ☐ -0   ☐ |-0| ☐ 0

```
←——●——┼——┼——┼——┼——┼——┼——┼——┼——┼——┼——┼——┼——┼——┼——┼——┼——┼——┼——┼——┼——→
   -10 -9 -8 -7 -6  -5 -4 -3 -2 -1  0  1  2  3  4  5  6  7  8  9 10
```

☐ -10   ☐ 10   ☐ |-10| ☐ |10|

mathskills4kids

Name: ....   Class: ....
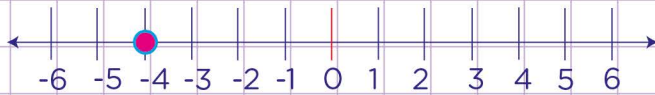
Understand absolute value

1. On the number line below, how far is -7 and 7 away from zero.
What is the absolute value of -7 and 7?

-7 is 7 units away from zero
7 is 7 units away from zero too
The absolute value of 7 is |7| = 7
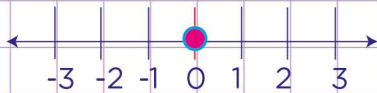and the absolute value of -7 is |7| = 7

2. Look at the point on the number lines below and choose the correct absolute value of the number indicated on the number line from the list.

☐ |-4| ☐ |4| ✓ 4   ☐ |-4|

✓ 7   ☐ |7| ☐ |+7| ☐ |-7|

☐ |0| ☐ -0   ☐ |-0| ✓ 0

☐ -10   ✓ 10   ☐ |-10| ☐ |10|