



FLARE[™]


Sample Activity Number Track

locating numbers on a number track

In this activity the students identify the position of a whole number less than 20 on a number track. The activity can be adjusted for

- two-digit whole numbers greater than 20
- three-digit whole numbers.

What to Do Before

1. Select Setup ▶ Number of Tiles ▶ 20.
2. Select Setup ▶ deselect Show All Numbers.
3. Use  to flip the tiles to reveal the multiples of 5 (see below).



4. Save the activity file for later use by selecting File ▶ Save.

How to Do It Differently


Two-digit whole numbers greater than 20

- For example, select Setup ▶ Start Number ▶ 21.


Three-digit whole numbers

- For example, select Setup ▶ Start Number ▶ 101.

What to Do Now

1. Display the number track. Ask: *Where is 12 on this number track? How do you know?* Invite a student to explain their thinking before using  to reveal the number (see below).

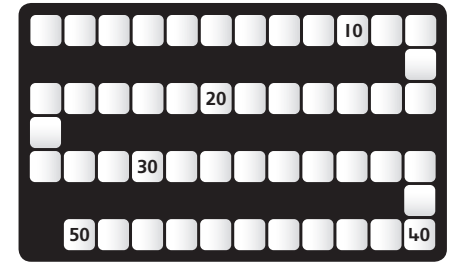


2. Ask: *What else can you say about the position of the number?* Bring out ideas such as "it is a little more than 10", "it is 3 less than 15", and "it is 8 less than 20".
3. Use  to flip the 12-tile to hide the number. Repeat Steps 1 and 2 with two or three other numbers.

What to Do After

Increase the range of the number track and the distance between reference numbers.

- For example, select Setup ▶ Number of Tiles ▶ 50 and reveal the multiples of 10 (see right).



Tip

Prepare the activity variation beforehand to reduce setup time during class.