Name _____ Date _____

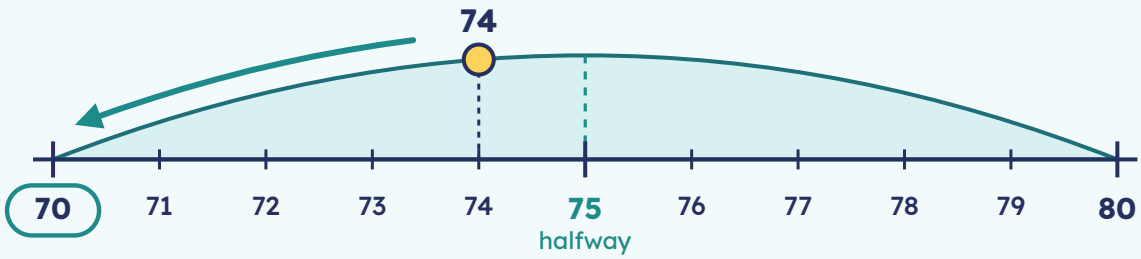
Rounding to 10

Find the tens either side of a number, then roll to the nearer one.

1 Learn



Rounding swaps a number for a nearby tidy number that's easier to use. Every number sits on a hill between two tens. Which side does it roll down?



Round 74 to the nearest 10

1. Find the tens either side: 74 is between **70** and **80**.
2. Find halfway, the top of the hill: **75**.
3. 74 is less than 75, so it's nearer to 70.

74 rounded to the nearest 10 is **70**.

Now try 78. It's between 70 and 80, and past halfway, so it rolls on to **80**.

Flip's tip: a number right on the top of the hill, like **75**, rolls forwards. Halfway numbers **round up**: 75 rounds to 80.

Warm up: write the tens either side of each number.

☐ **36** ☐ ☐ **82** ☐ ☐ **145** ☐

Grown-ups: ask "Which tens is it between?" before "Which is nearer?" Finding the two tens first is the key step. A number that is already a ten, like 60, rounds to itself.

Name _____ Date _____

2 Try it together a child and a grown-up, about 10 minutes



Roll down the hill

You need: 11 scraps of paper, a pen, a small cup and a button or bottle top.

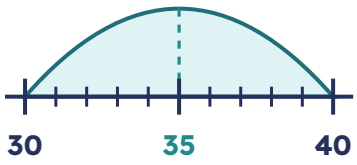
1. Write **40, 41, 42 … 50** on the scraps. Lay them in a line on a table, like a number line.
2. Turn the cup upside down and put **45** on top: that's the top of the hill.
3. One person says a number from 40 to 50. The other puts the button on it and says which ten it rolls to, **40** or **50**. Write it in the table.
4. Turn the scraps over and write **130, 131 … 140** for a new hill. Which number goes on the cup now?

Number	Tens either side	Halfway	Rounds to

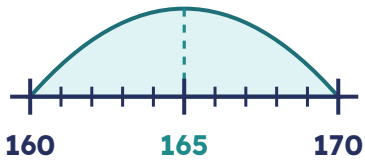
Grown-ups: at some point say 45. It sits right on the top of the hill, so ask "Which way now?" Halfway numbers roll forwards (round up), so 45 goes to 50.

3 Practise

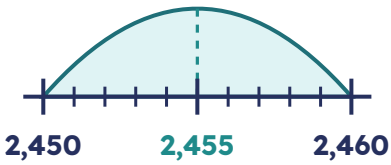
A. Put a dot on the hill for each number. Then round it to the nearest 10.



32 rounds to ____



167 rounds to ____



2,455 rounds to ____

Rounding to 10

Name _____ Date _____

B. Fill in the table.

Number	Ten before	Ten after	Nearest 10
23			
68			
45			
91			
135			
2,407			

C. Draw a ring round every number that rounds to **50**.

44 46 49 53 55 54 45

51 58

D. Write three different numbers that round to **30**.

☐ ☐ ☐

Challenge

Sam says, "65 is exactly halfway between 60 and 70, so it can go either way. I'll round it to 60." Is Sam right? Explain.

_____

_____

_____

I can... Tick when you can.

- ☐ find the tens either side of a number
- ☐ find halfway between two tens
- ☐ round a number to the nearest 10