MATHS | AGES 8 TO 10 | ROUNDING

Rounding to 10 and 100

One skill, three levels. Use the line first, then round in your head.

NAME _____ CLASS _____ DATE _____

LEARNING GOAL

Round whole numbers to the nearest 10 and the nearest 100.

SUCCESS CRITERIA

- ☐ I can find the two tens a number is between.
- ☐ I can use the rule: 5 or more rounds up.
- ☐ I can round numbers in real-life problems.

1 The rounding rule

Nearest 10: look at the ones digit.
Nearest 100: look at the tens digit.

0 1 2 3 4 — 0 to 4: round down

5 6 7 8 9 — 5 or more: round up

45 rounds to **50**
nearest 10: ones digit 5, so up

350 rounds to **400**
nearest 100: tens digit 5, so up

349 rounds to **300**
nearest 100: tens digit 4, so down

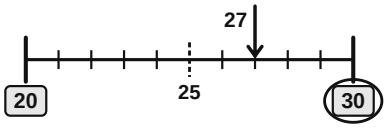
2 Round on the line

LEVEL 1 — 5 points

Draw an arrow to the number. Circle the end it is nearer to, then write it in the tile. A number on the dashed halfway mark rounds up.

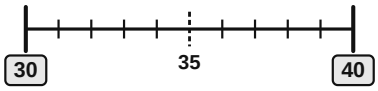
Nearest 10 — each small step is 1

Example Round 27 to the nearest 10.



ROUNDS TO: 30

a Round 34 to the nearest 10.



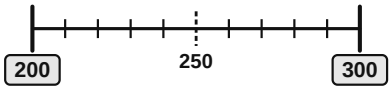
ROUNDS TO: _____

b Round 65 to the nearest 10.

ROUNDS TO: _____

Nearest 100 — each small step is 10

c Round 240 to the nearest 100.

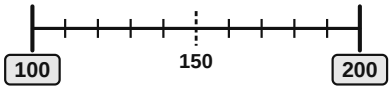


ROUNDS TO: _____

d Round 450 to the nearest 100.

ROUNDS TO: _____

e Round 180 to the nearest 100.



ROUNDS TO: _____

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Level up: round without the line

3 Round in your head

LEVEL 2 | 16 points

Picture the line, look at the digit, use the rule. **Watch out** for tricky ones!

Nearest 10

look at the ones digit

a	b	c	d	e	f	g	h
43	58	85	95	70	204	317	995

Nearest 100

look at the tens digit

i	j	k	l	m	n	o	p
230	470	650	449	800	951	509	75

4 Rounding in real life

LEVEL 3 | 6 points

Read each card. Round, then write your answer in the tile.

(a) A book has 265 pages. Round the number of pages to the nearest 10.

ANSWER _____ PAGES

(b) A school has 348 pupils. Round 348 to the nearest 10, then to the nearest 100.

NEAREST 10 _____ NEAREST 100 _____

(c) A shop sells 146 apples on Monday and 238 apples on Tuesday. Round each number to the nearest 10. Add them to estimate the total.

ABOUT _____ APPLES

(d) Mia says: "349 rounds to 350, and 350 rounds to 400. So 349 to the nearest 100 is 400." Is Mia right? Explain.

_____

BONUS ROUND

A whole number rounds to **60** to the nearest 10. What is the smallest it could be? What is the largest?

SMALLEST _____ LARGEST _____

HOW WELL CAN I ROUND?

LEVEL 1 | LEVEL 2 | LEVEL 3

Colour a token for each level you finished.

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