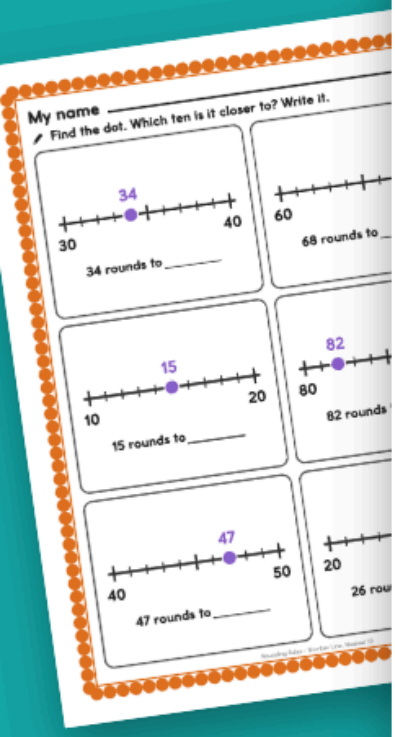
ROUNDING RULES

Anchor Chart, Number Lines & Practice

GRADES 3-4

5 POSTERS





Bright Path Sped

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This is a fillable PDF

- Open it in a PDF reader (Adobe Acrobat Reader, Preview, or your browser), click into a line or a box, type, and Save As.
- The name lines, the answer blanks on the practice pages, the home note and every notes area are type-in fields. The posters are print pages. You can also print any page and write by hand.
- It works offline. No account, no subscription, no internet connection needed after you download it.

Print at 100 percent

Turn off fit to page and shrink to fit so the cut pieces keep their size. Every page is readable in black and white, and the rules poster comes in an ink-saver copy. Posters look best on cardstock; the pieces children cut are fine on copy paper.

Need help?

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PREVIEW

How to Teach It: Five Short Routines

Each one takes a few minutes. Always find the place first, then look next door.

1. Find the place

- Show the four rules (page 5). Write 342 on the board and say: "We round to the nearest 10. Which digit is the place?"
- Children underline the 4. Say: "The place is 4."

2. Look next door

- Point at the digit to the right of the place. For 342 it is 2.
- Children say the digit out loud before they decide anything.

3. Rest or raise

- Show rest or raise (page 7). 2 is 4 or less, so 342 rests: 340.
- Try 468 to the nearest 100. 6 is 5 or more, so the 4 is raised to 5 and the rest become zeros: 500.

4. Check it on a number line

- Show the number line (page 8). 23 is between 20 and 30. Which end is it closer to?
- Halfway is 25. Numbers at halfway or past it go up. Then try the nearest 100 (page 9).

5. Find the pattern on the 100 chart

- Show the 100 chart (page 10). Look down the columns: last digits 1 to 4 go down, 5 to 9 go up, 0 stays.
- Children color the numbers that round to 50 (page 22) and tell what they notice.

Notes on your day

PREVIEW

ROUNDING RULES

Four steps. Every time.

1 **Find the place**
Underline the digit you are rounding to.

2 **Look next door**
Look at the digit to its right.

3 **4 or less, let it rest.**
5 or more, raise the score.

- ⬇ 4 or less, let it rest.
- ⬆ 5 or more, raise the score.

4 **Change the rest to zeros**
Every digit after the place becomes 0.

Round 342 to the nearest 10

3	4	2
	place	next door

2 is 4 or less. Let it rest.

342 to 340

Round 468 to the nearest 100

4	6	8
place	next door	

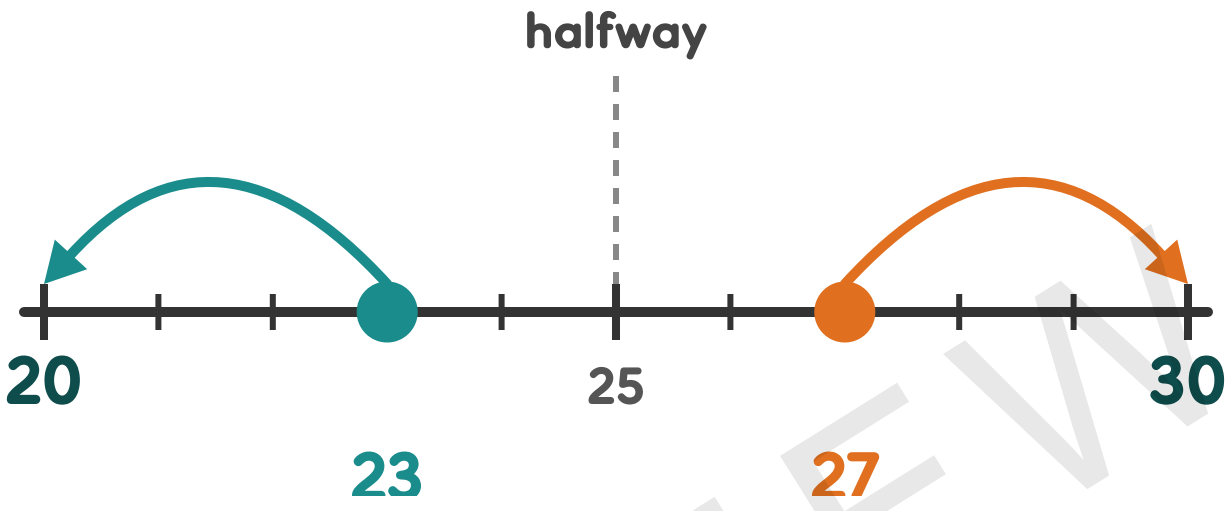
6 is 5 or more. Raise the 4 to 5.

468 to 500

PREVIEW

NEAREST 10

Which ten is it closer to?



21 to 24
go back to **20**.

25 to 29
go up to **30**.

Round 27 to the nearest 10

2	7
place	next door

7 is 5 or more. Raise the 2 to 3. 27 to 30

Look at the ones digit. 5 or more goes up. 4 or less stays.

PREVIEW

Preview · Bright Path Sped

ROUND ON THE 100 CHART

Look at the last digit. Where does it go?

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

1 to 4: down 5 to 9: up 0: stays

For the nearest 10, the last digit tells you.

PREVIEW

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Cut the cards apart. Glue each one on page 26.

47	82	33	69
15	74	28	91
56	41	87	24
63	38	52	96

PREVIEW

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My name _____

Find the place. Circle the digit next door.

The blue box is the place. The digit next door is on its right.

nearest 10	5 2
nearest 100	3 7 5
nearest 10	4 1 8
nearest 100	6 9 0
nearest 10	8 7
nearest 100	2 6 4

PREVIEW

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My name _____

Look at the digit next door. Circle rest or raise.

Peek at the rest or raise poster if you need help.

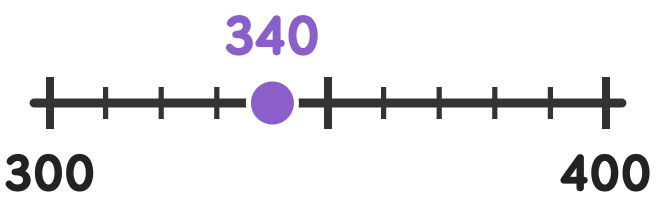
2	rest / raise	8	rest / raise
5	rest / raise	4	rest / raise
9	rest / raise	1	rest / raise
6	rest / raise	3	rest / raise
7	rest / raise	0	rest / raise
5	rest / raise	4	rest / raise

PREVIEW

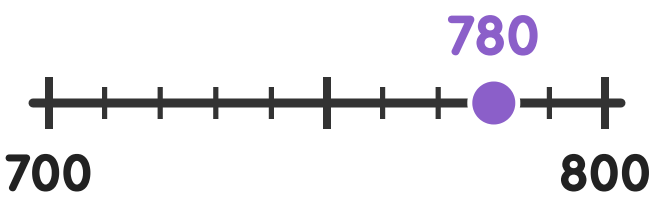
Preview - Bright Path Sped

My name _____

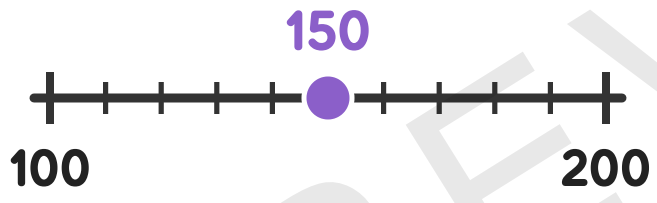
Find the dot. Which hundred is it closer to? Write it.



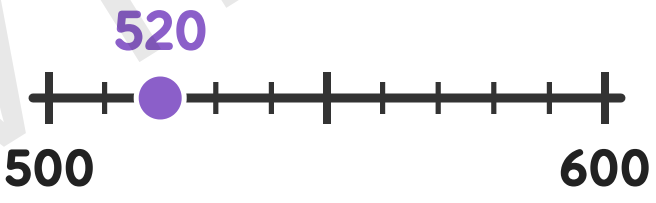
340 rounds to _____



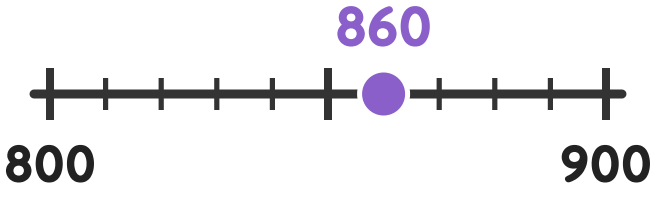
780 rounds to _____



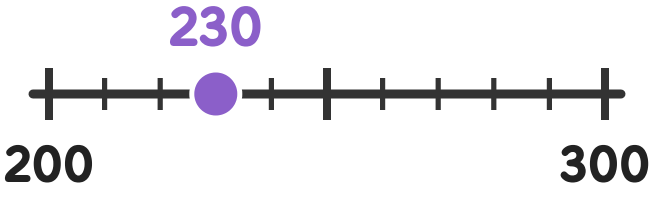
150 rounds to _____



520 rounds to _____



860 rounds to _____



230 rounds to _____

PREVIEW

Preview : Bright Path Sped

My name _____

Round to the nearest 100. Write the number.

Find the place. Look next door.

286 rounds to _____	641 rounds to _____
350 rounds to _____	719 rounds to _____
428 rounds to _____	874 rounds to _____
563 rounds to _____	195 rounds to _____
937 rounds to _____	412 rounds to _____
658 rounds to _____	802 rounds to _____

PREVIEW

Preview - Bright Path Shed

My name _____

Color every number that rounds to 50.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

PREVIEW

I colored _____ numbers.

What do you notice about the last digits?

_____

_____

Preview - Bright Path Sped

My name _____

Read the story. Round. Write your answer.

The library lent out 463 books. Round to the nearest 10. How many is that?

Show your work.

My answer is _____

A bus drove 278 miles. About how many miles is that to the nearest 100?

Show your work.

My answer is _____

A class made 85 paper stars. Round to the nearest 10. About how many?

Show your work.

My answer is _____

PREVIEW

My name _____

Glue each card from page 12 in the right box.

LET IT REST

4 or less next door

RAISE THE SCORE

5 or more next door

PREVIEW

Filled Example: One Child's Page

The page is Nearest 10 Practice (page 19), first 6 items. Noah (invented child). The child, the teacher and every answer on this page are invented.

Number	Place / next door	Rest or raise	Noah wrote	Right answer	Right?
34	3 / 4	rest	30	30	yes
78	7 / 8	raise	80	80	yes
45	4 / 5	raise	40	50	no
91	9 / 1	rest	90	90	yes
62	6 / 2	rest	60	60	yes
17	1 / 7	raise	20	20	yes

Reading the page

5 of 6 were right. For 45, Noah wrote 40. The place is 4 and the digit next door is 5. 5 is 5 or more, so the 4 should be raised to 5: 50.

What the teacher did next

The teacher pointed at the 5 and asked: "Is 5 4 or less, or 5 or more?" Noah said "5 or more" and changed 40 to 50. The next day the class did Next Door (page 14) again before rounding.

What this example is not

One invented child's page. It sets no typical score, says nothing about any real child and predicts nothing.

My notes on the page

PREVIEW

Key: Four Steps and Practice

Keep this page for yourself.

Four steps (page 18)

Number	Nearest	Place	Next door	Circle	Answer
468	10	6	8	raise	470
237	100	2	3	rest	200
715	10	1	5	raise	720
581	100	5	8	raise	600
346	10	4	6	raise	350

Nearest 10 (page 19)

Number	Rounds to
34	30
78	80
45	50
91	90
62	60
17	20
83	80
56	60
29	30
63	60
38	40
74	70

Nearest 100 (page 20)

Number	Rounds to
286	300
641	600
350	400
719	700
428	400
874	900
563	600
195	200
937	900
412	400
658	700
802	800

Mixed (page 21)

Number	Nearest	Rounds to
83	10	80
472	100	500
56	10	60
619	100	600
238	10	240
750	100	800
94	10	90
305	100	300
527	10	530
861	100	900

My notes on the answers

PREVIEW

A Note Home: Rounding Rules

One page to send home when you start the posters.

Date _____ Class _____ Teacher _____

Dear families,

This week we are learning the rules for **rounding** to the nearest 10 and the nearest 100. We find the place, look at the digit next door, and decide: 4 or less, let it rest. 5 or more, raise the score. Then the rest become zeros.



This week we are practicing

_____

_____

You can try this at home

Look at a page number, a house number or a number on a sign. Ask: "What is the place? What is the digit next door? Does it rest or raise?"

_____

_____

_____

A note from me (your words)

_____

_____

_____

_____

Thank you, (teacher) _____ Family signature, if your school asks for one _____

PREVIEW

Phrase Bank

Fill each blank with what you really saw and heard.

Teaching the rule

- "Find the place you are rounding to. Underline it."
- "Look next door, at the digit to the right."
- "4 or less, let it rest. 5 or more, raise the score."
- "Change every digit after the place to a zero."

Asking a question

- "Which place are we rounding to?"
- "What is the digit next door?"
- "Does it rest or does it raise? How do you know?"
- "Which two tens (or hundreds) is this number between?"

Noticing what a child did

- "You underlined the place before you looked next door."
- "You told me why it raises: the digit next door is ____."
- "You checked your answer on the number line."
- "You changed your answer when you looked next door again."

Sentence starters for children

- The place is ____ and the digit next door is ____.
- ____ is 4 or less, so I let it rest.
- ____ is 5 or more, so I raise the score.
- ____ rounds to ____ because ____.

For the note home

- This week we are learning the rules for rounding numbers to the nearest 10 and 100.
- Look next door. 4 or less, let it rest. 5 or more, raise the score.
- Try it with a number you see today, like a page number or a price on a sign.
- Thank you for ____ (what the family did to help).

PREVIEW