Grade 4
Strand: B1 – Number Sense

	Curriculum Expectations	Pages That Cover the Expectations
B1.1	read, represent, compose, and decompose whole numbers up to and including 10 000, using appropriate tools and strategies, and describe various ways they are used in everyday life	3-16
B1.2	compare and order whole numbers up to and including 10 000, in various contexts	17-21
B1.3	round whole numbers to the nearest ten, hundred, or thousand, in various contexts	23-27
B1.4	represent fractions from halves to tenths using drawings, tools, and standard fractional notation, and explain the meanings of the denominator and the numerator	31-41
B1.5	use drawings and models to represent, compare, and order fractions representing the individual portions that result from two different fair-share scenarios involving any combination of 2, 3, 4, 5, 6, 8, and 10 sharers	28-30
B1.6	count to 10 by halves, thirds, fourths, fifths, sixths, eighths, and tenths, with and without the use of tools	42-46, 48
B1.7	read, represent, compare, and order decimal tenths, in various contexts	47,48,49, 51, 52, 53, 54, 55
B1.8	round decimal numbers to the nearest whole number, in various contexts	56-58
B1.9	describe relationships and show equivalences among fractions and decimal tenths, in various contexts	49, 50

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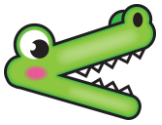
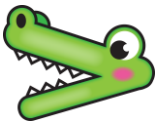
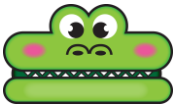
Curriculum Connection
B1.2

Comparing Numbers

6235  9233	7384  6299	1248  1248

Part 1

Compare the following numbers

1) 685 < 1000	2) 2685 ☐ 3510	3) 6112 ☐ 6094
4) 1325 ☐ 1325	5) 7312 ☐ 4257	6) 3199 ☐ 4606
7) 3382 ☐ 3312	8) 7583 ☐ 7593	9) 5874 ☐ 5874

Part 2

Write - Greater than, Equal to, Less than

1) 725 is _____ 442 Greater than	2) 1556 is ___ 3822 _____
4) 4814 is ___ 4122 _____	5) 3572 is ___ 3572 _____
7) 7235 is ___7432 _____	8) 4514 is ___ 4415 _____

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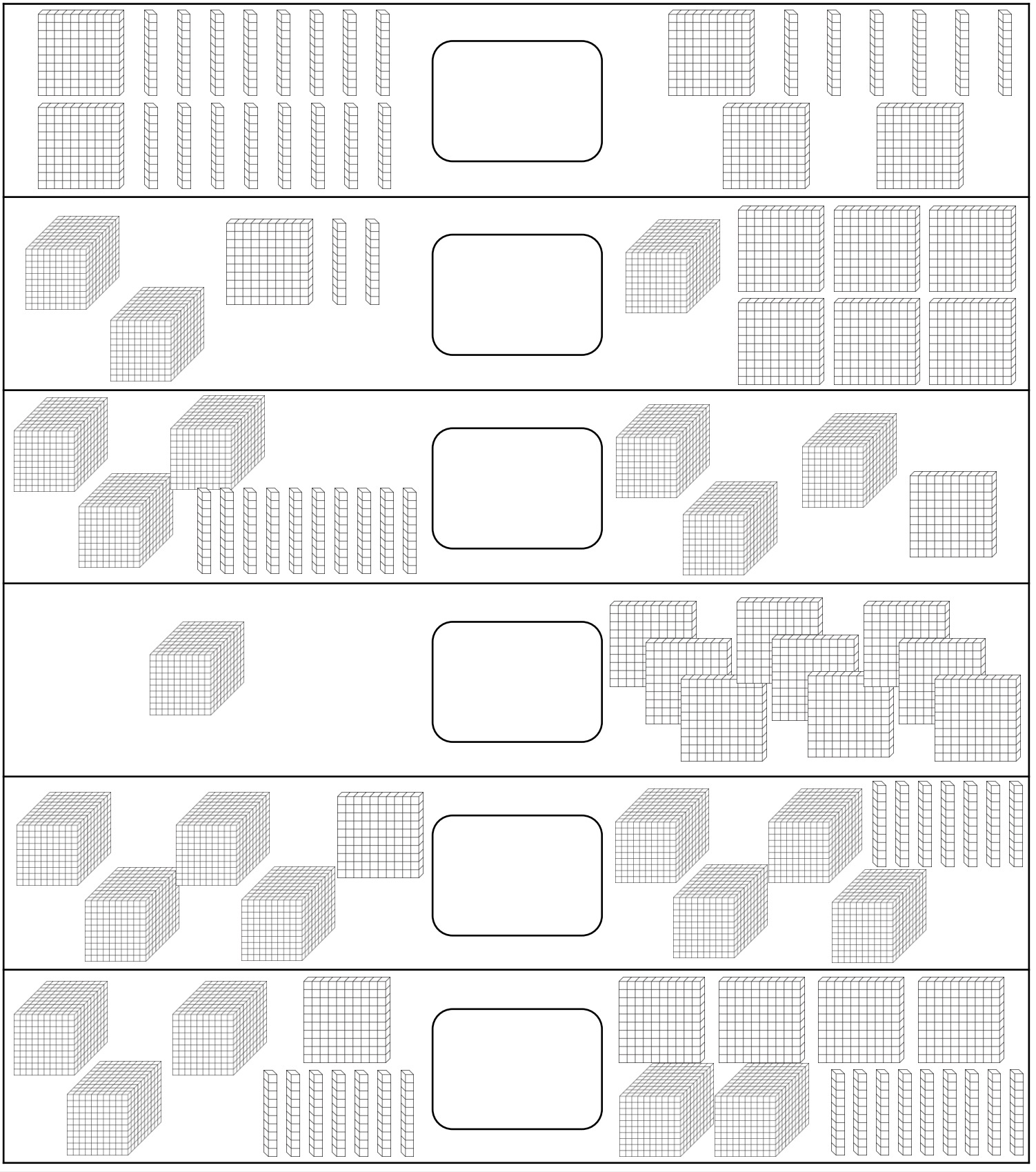
Curriculum Connection
B1.2

Comparing Base Ten Blocks

Questions

Compare the number of base ten blocks below



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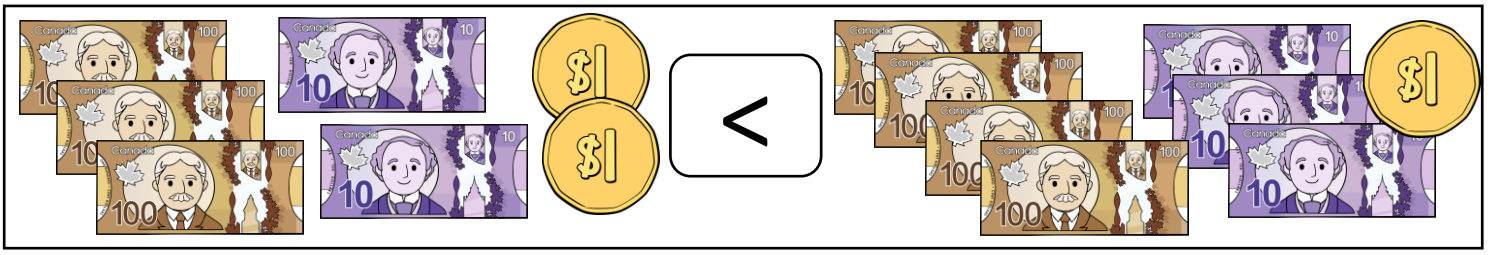
Name: _____ 20

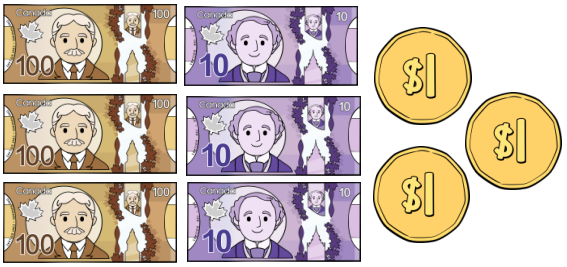
Curriculum Connection
B1.2

Comparing Money



Questions

Count the money below and decide which amount is larger



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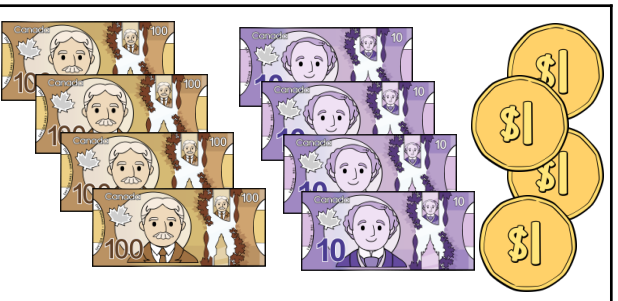

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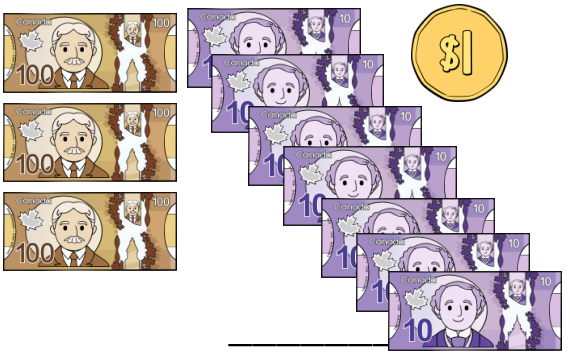

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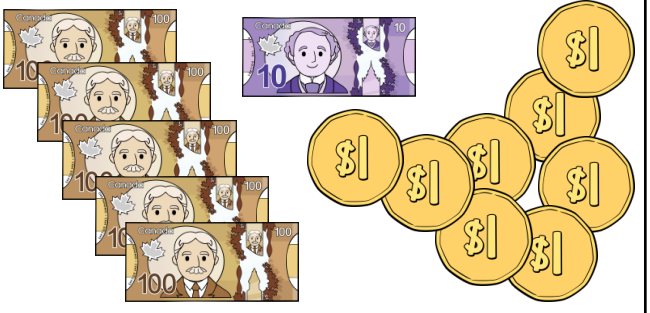

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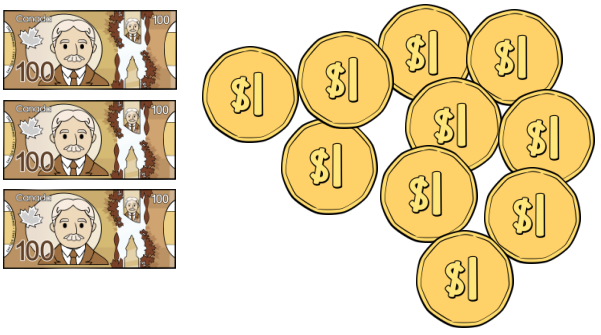

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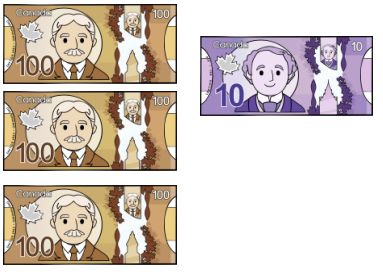

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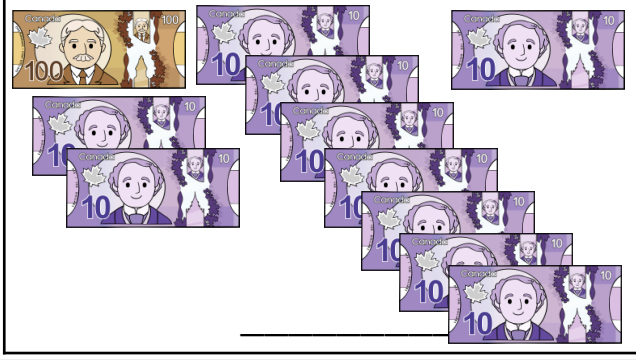

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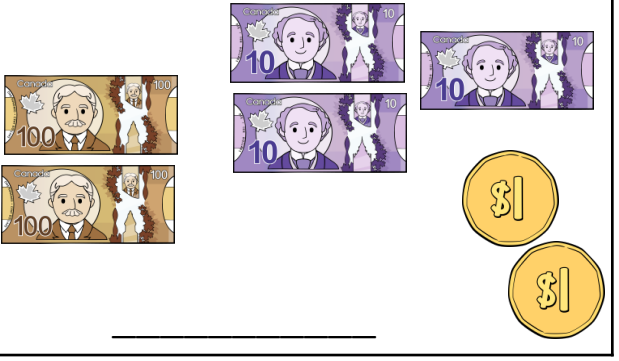

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Name: _____ 21

Curriculum Connection
B1.2

Comparing Numbers

25, 53, 42, 65, 22
Least to Greatest
22, 25, 42, 53, 65

25, 53, 42, 65, 22
Greatest to Least
65, 53, 42, 25, 22

Part 1

Order the numbers below from least to greatest

43, 65, 31, 41
_____, _____, _____, _____

118, 19, 125, 153
_____, _____, _____, _____

165, 161, 267, 253
_____, _____, _____, _____

2581, 2131, 1243, 2148
_____, _____, _____, _____

2121, 3426, 2455, 4228
_____, _____, _____, _____

5323, 5175, 2533, 3856
_____, _____, _____, _____

Part 2

Order the numbers below from greatest to least

11, 6, 3, 17, 15
_____, _____, _____, _____, _____

140, 243, 219, 233, 146
_____, _____, _____, _____, _____

185, 199, 293, 285, 191
_____, _____, _____, _____, _____

1923, 1120, 1723, 1674
_____, _____, _____, _____

2367, 4723, 1228, 2631
_____, _____, _____, _____

7645, 3523, 2478, 3158
_____, _____, _____, _____

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Name: _____ 22

Curriculum Connection
B1.3

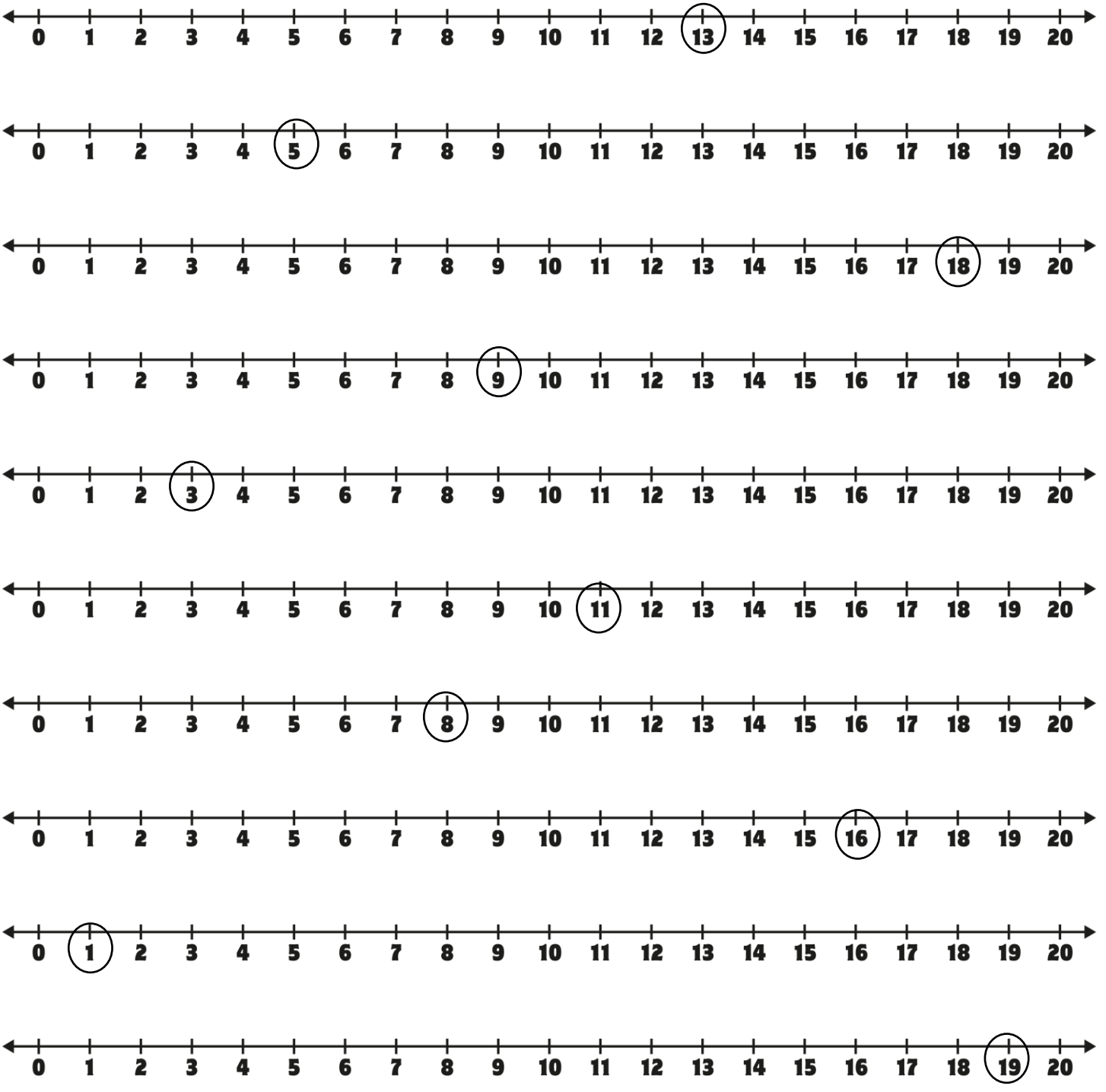
Rounding Numbers to the Nearest 10 - Number Line

Round Down ← | → Round Up

0	1	2	3	4	5	6	7	8	9

Questions

Round the number to the nearest ten (circle the new number)



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Name: _____ 23

Curriculum Connection
B1.3

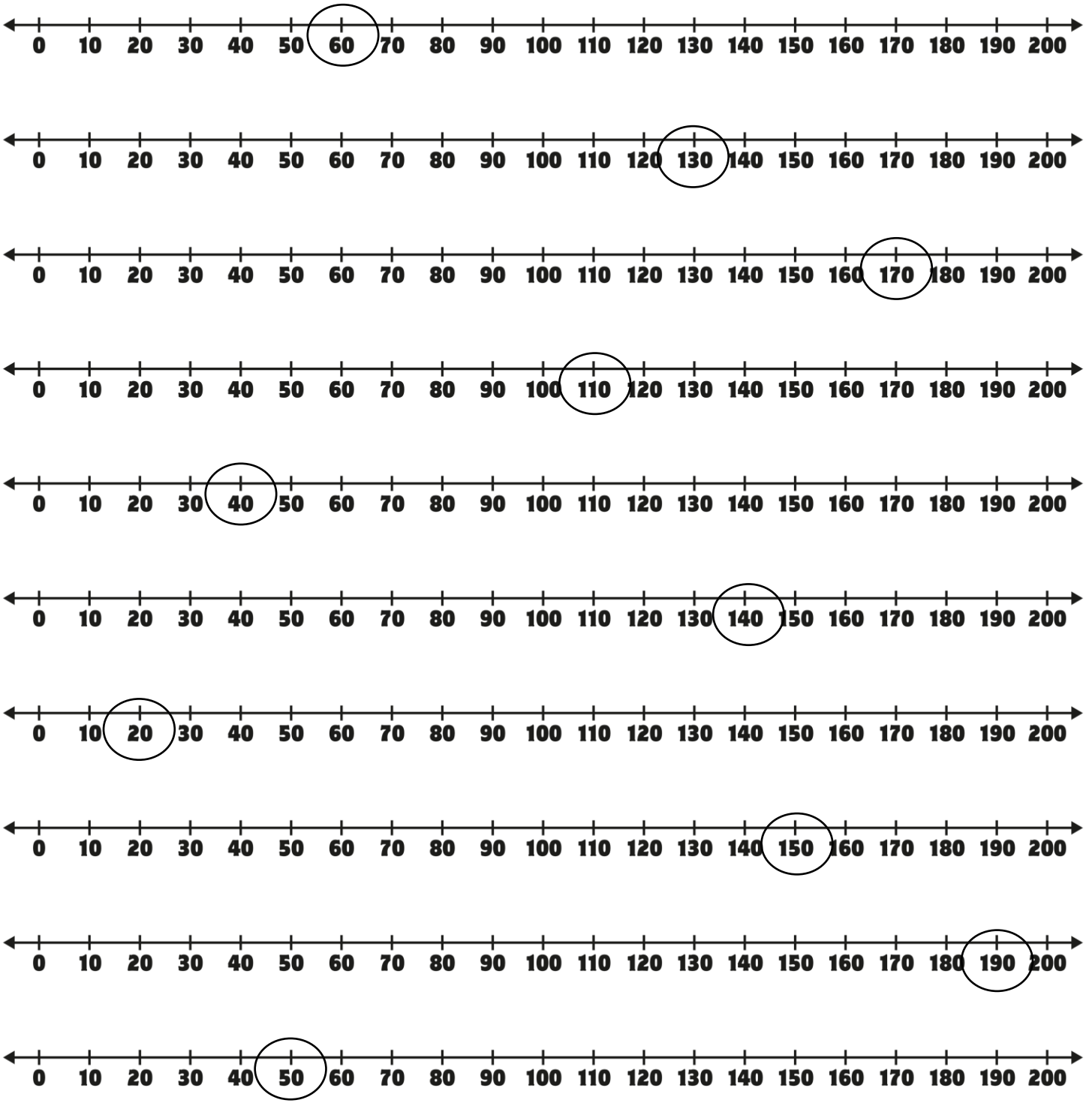
Rounding Numbers to the Nearest 100 - Number Line

Round Down ← | → Round Up

0	1	2	3	4	5	6	7	8	9

Questions

Round the number to the nearest <u>hundred</u> (circle the new number)



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Name: _____ 24

Curriculum Connection
B1.3

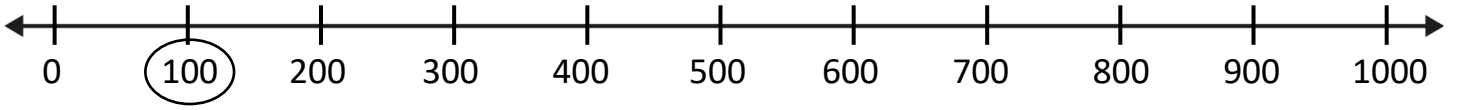
Rounding Numbers to the Nearest 1000 - Number Line

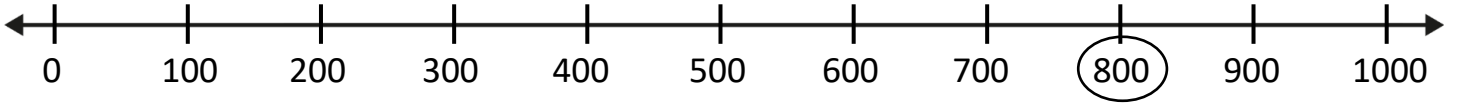
Round Down ← | → Round Up

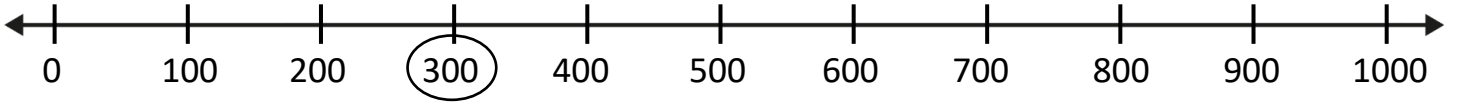
0	1	2	3	4	5	6	7	8	9

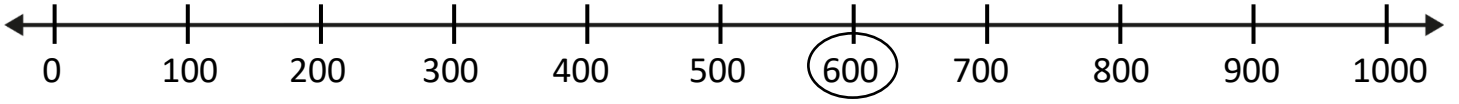
Questions

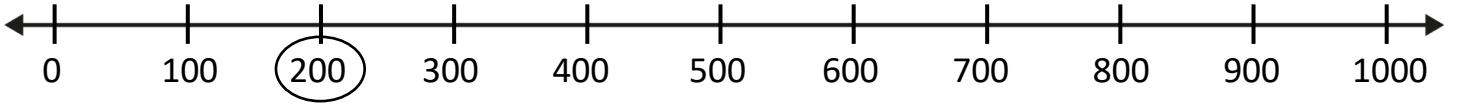
Round the number to the nearest thousand (circle the new number)

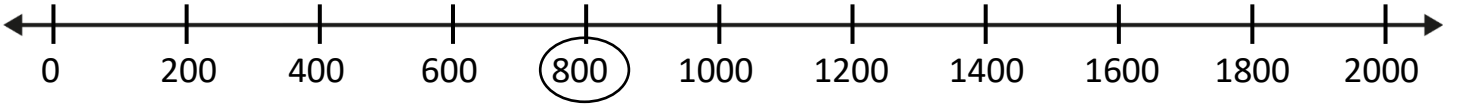


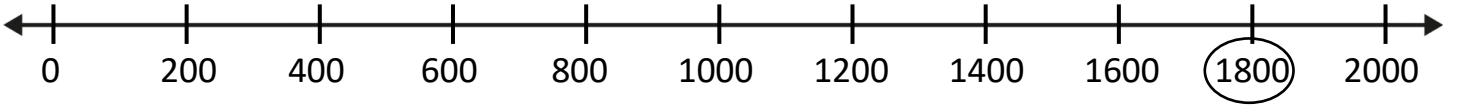


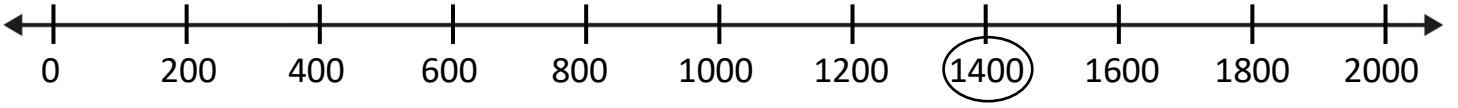


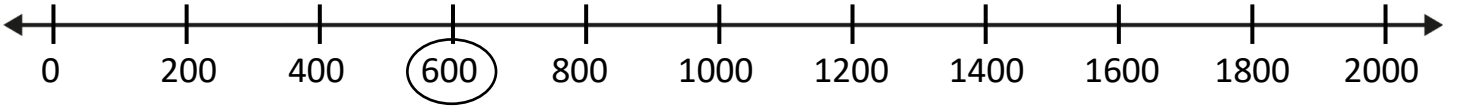


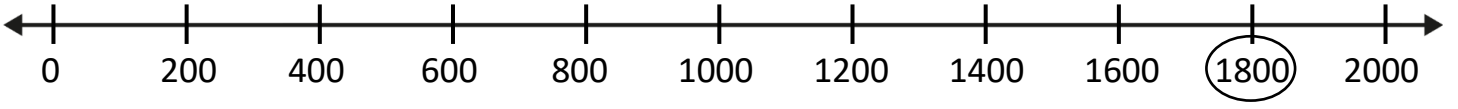












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Name: _____ 25

Curriculum Connection
B1.3

Rounding Numbers to the Nearest 10 and 100

Round Down ← | → Round Up

0	1	2	3	4	5	6	7	8	9

Rounding to the nearest 10
42 → 40
155 → 160

Rounding to the nearest 100
242 → 200
389 → 400

Part 1

Round the numbers to the nearest 10

1) 27 → _____	2) 53 → _____	3) 48 → _____
4) 75 → _____	5) 51 → _____	6) 44 → _____
7) 157 → _____	8) 184 → _____	9) 278 → _____
10) 623 → _____	11) 231 → _____	12) 427 → _____

Part 2

Round the numbers to the nearest 100

1) 172 → _____	2) 235 → _____	3) 477 → _____
4) 217 → _____	5) 243 → _____	6) 587 → _____
7) 850 → _____	8) 912 → _____	9) 397 → _____
10) 363 → _____	11) 422 → _____	12) 550 → _____

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Name: _____ 26

Curriculum Connection
B1.3

Rounding Numbers to the Nearest 1000

Round Down ← | → Round Up

0	1	2	3	4	5	6	7	8	9

Rounding to the nearest 1000

↓ 4 2 1 2 → 4000

↑ 1 5 7 5 → 2000

Part 1

Round the numbers to the nearest 1000

1) 2227 → _____	2) 5123 → _____	3) 4638 → _____
4) 7155 → _____	5) 5461 → _____	6) 4744 → _____
7) 1357 → _____	8) 1834 → _____	9) 2768 → _____
10) 6213 → _____	11) 2313 → _____	12) 4217 → _____
13) 6162 → _____	11) 3591 → _____	12) 4635 → _____
16) 2243 → _____	17) 9371 → _____	18) 2597 → _____

Part 2

Solve the word problems below

1) Lebron James scored 1698 points during the 2019-2020 season. Round his points to the nearest thousand.

2) The school raised $4328 in donations last year. Round the money to the nearest thousand.

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Name: _____ 27

Curriculum Connection
B1.3

Rounding Numbers 3 Different Ways

Round Down ← → Round Up

0	1	2	3	4	5	6	7	8	9

10	100	1000
1864 → 1860	1864 → 1900	1864 → 2000

Questions

Round the numbers three different ways

#	10	100	1000
1)	2137 → 2140	2137 → 2100	2137 → 2000
2)	4236 → _____	4236 → _____	4236 → _____
3)	6841 → _____	6841 → _____	6841 → _____
4)	5615 → _____	5615 → _____	5615 → _____
5)	7519 → _____	7519 → _____	7519 → _____
6)	3782 → _____	3782 → _____	3782 → _____
7)	8559 → _____	8559 → _____	8559 → _____
8)	9463 → _____	9463 → _____	9463 → _____

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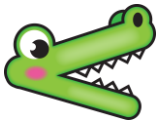
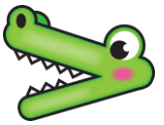
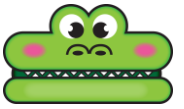
Name: ANSWERS 18

Curriculum Connection
B1.2

Comparing Numbers

6235  9233	7384  6299	1248  1248

Part 1

Compare the following numbers

1) 685 < 1000	2) 2685 < 3510	3) 6112 > 6094
4) 1325 = 1325	5) 7312 > 4257	6) 3199 < 4606
7) 3382 > 3312	8) 7583 < 7593	9) 5874 = 5874

Part 2

Write - Greater than, Equal to, Less than

1) 725 is _____ 442 Greater than	2) 1556 is ___ 3822 Less than
4) 4814 is ___ 4122 Greater than	5) 3572 is ___ 3572 Equal to
7) 7235 is ___7432 Less than	8) 4514 is ___ 4415 Greater than

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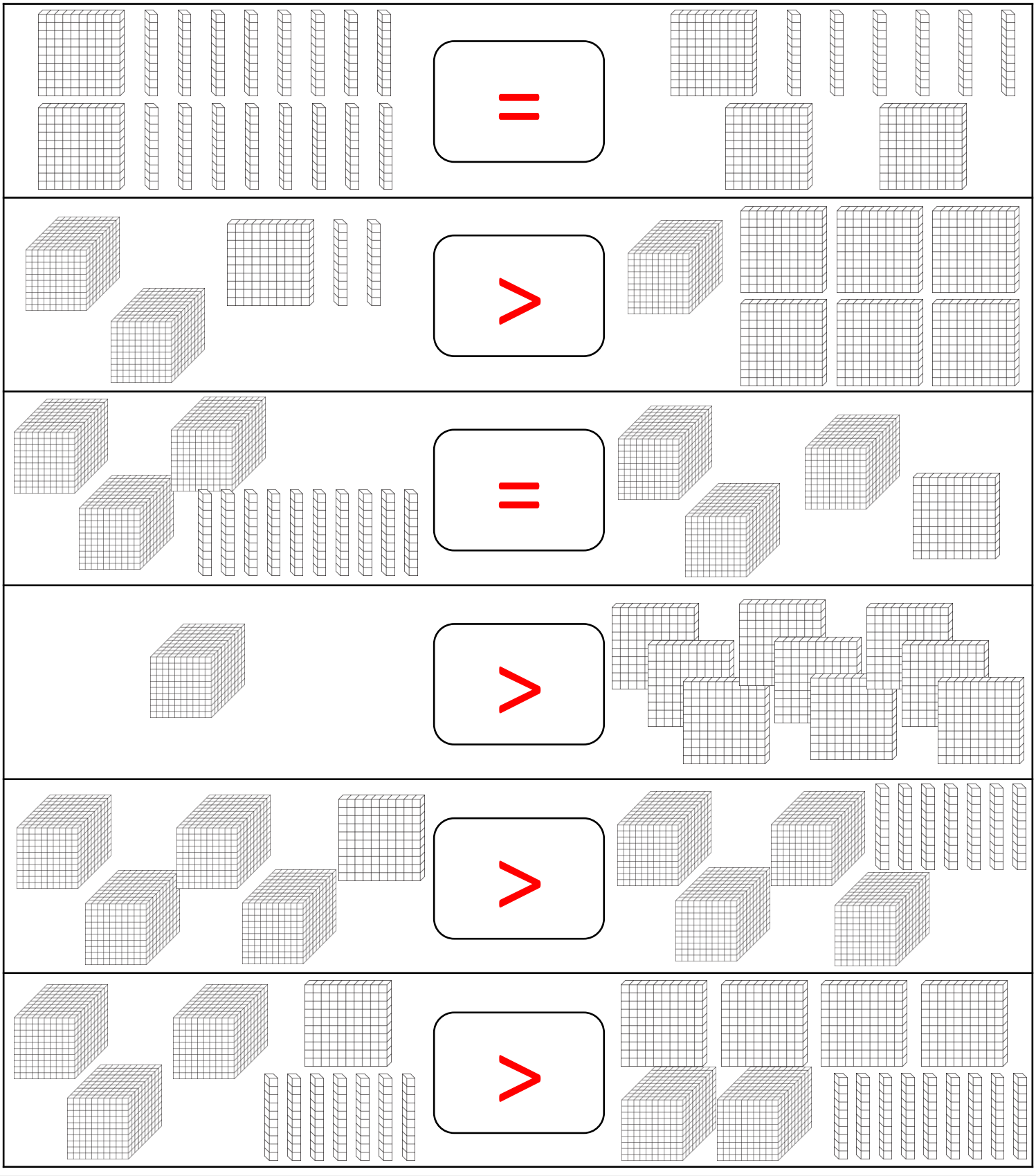
Curriculum Connection
B1.2

Comparing Base Ten Blocks

Questions

Compare the number of base ten blocks below



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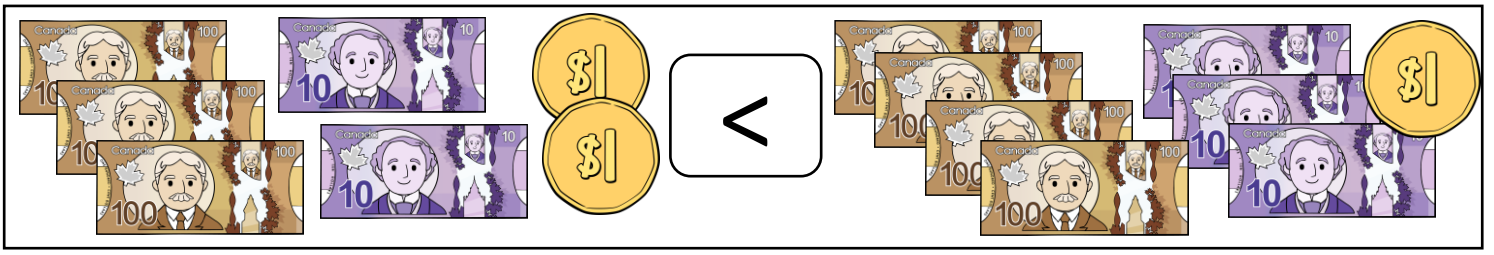
Name: ANSWERS 20

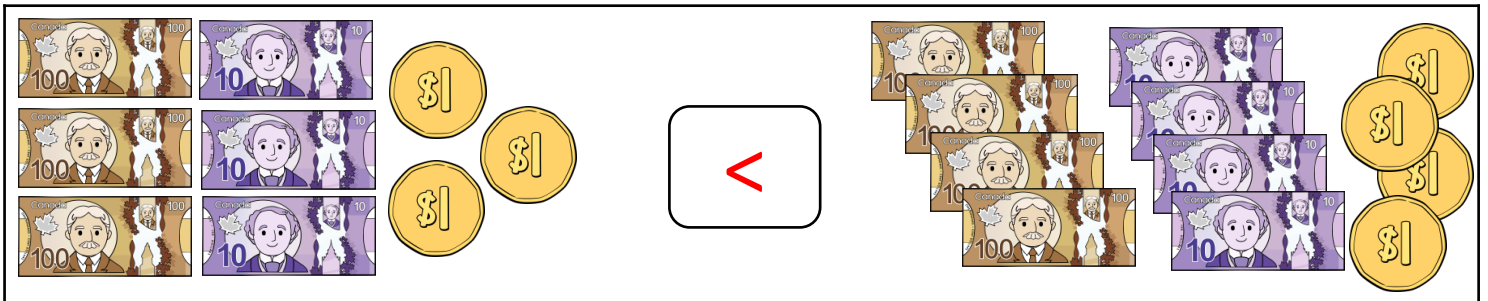
Curriculum Connection
B1.2

Comparing Money

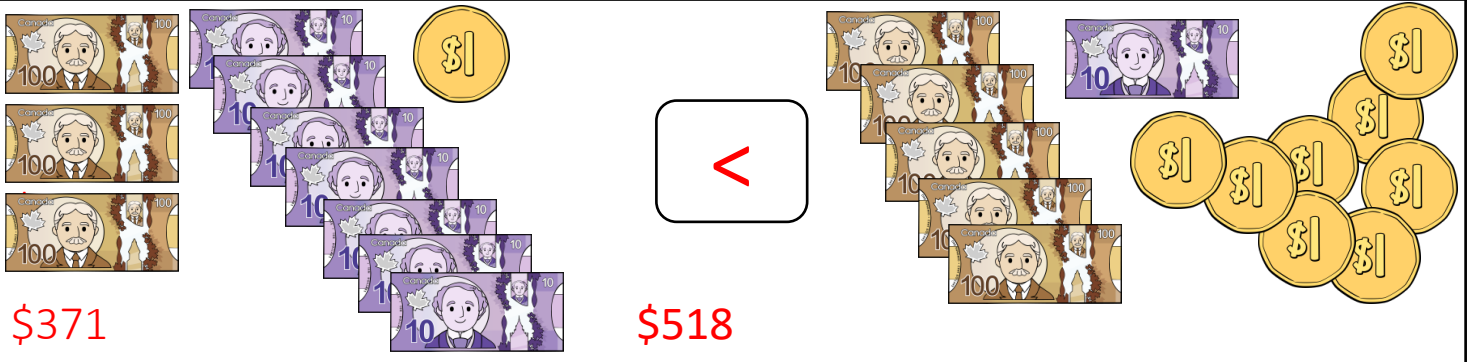


Questions

Count the money below and decide which amount is larger

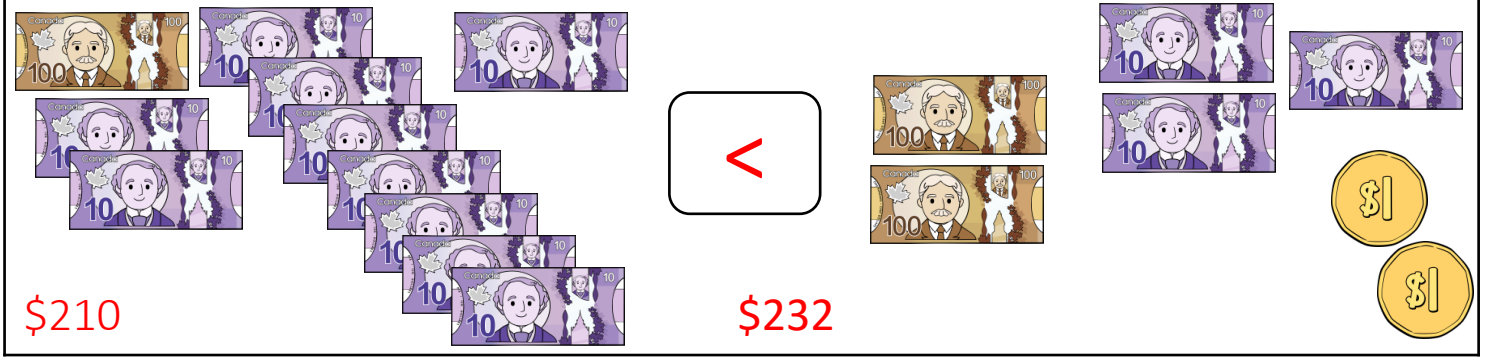


$333 $444



$371 $518

$310 $310



$210 $232

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Name: ANSWERS 21

Curriculum Connection
B1.2

Comparing Numbers

25, 53, 42, 65, 22 Least to Greatest **22, 25, 42, 53, 65**	25, 53, 42, 65, 22 Greatest to Least **65, 53, 42, 25, 22**

Part 1

Order the numbers below from least to greatest

43, 65, 31, 41 31, 41, 43, 65	118, 19, 125, 153 19, 118, 125, 153
165, 161, 267, 253 161, 165, 253, 267	2581, 2131, 1243, 2148 1243, 2131, 2148, 2581
2121, 3426, 2455, 4228 2121, 2455, 3426, 4228	5323, 5175, 2533, 3856 2533, 3856, 5175, 5323

Part 2

Order the numbers below from greatest to least

11, 6, 3, 17, 15 17, 15, 11, 6, 3	140, 243, 219, 233, 146 243, 233, 219, 146, 140
185, 199, 293, 285, 191 293, 285, 199, 191, 185	1923, 1120, 1723, 1674 1923, 1723, 1674, 1120
2367, 4723, 1228, 2631 4723, 2631, 2367, 1228	7645, 3523, 2478, 3158 7645, 7523, 3158, 2478

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Curriculum Connection
B1.3

Rounding Numbers to the Nearest 10 - Number Line

Round Down ← | → Round Up

0	1	2	3	4	5	6	7	8	9

Questions

Round the number to the nearest ten (circle the new number)

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Name: ANSWERS 23

Curriculum Connection
B1.3

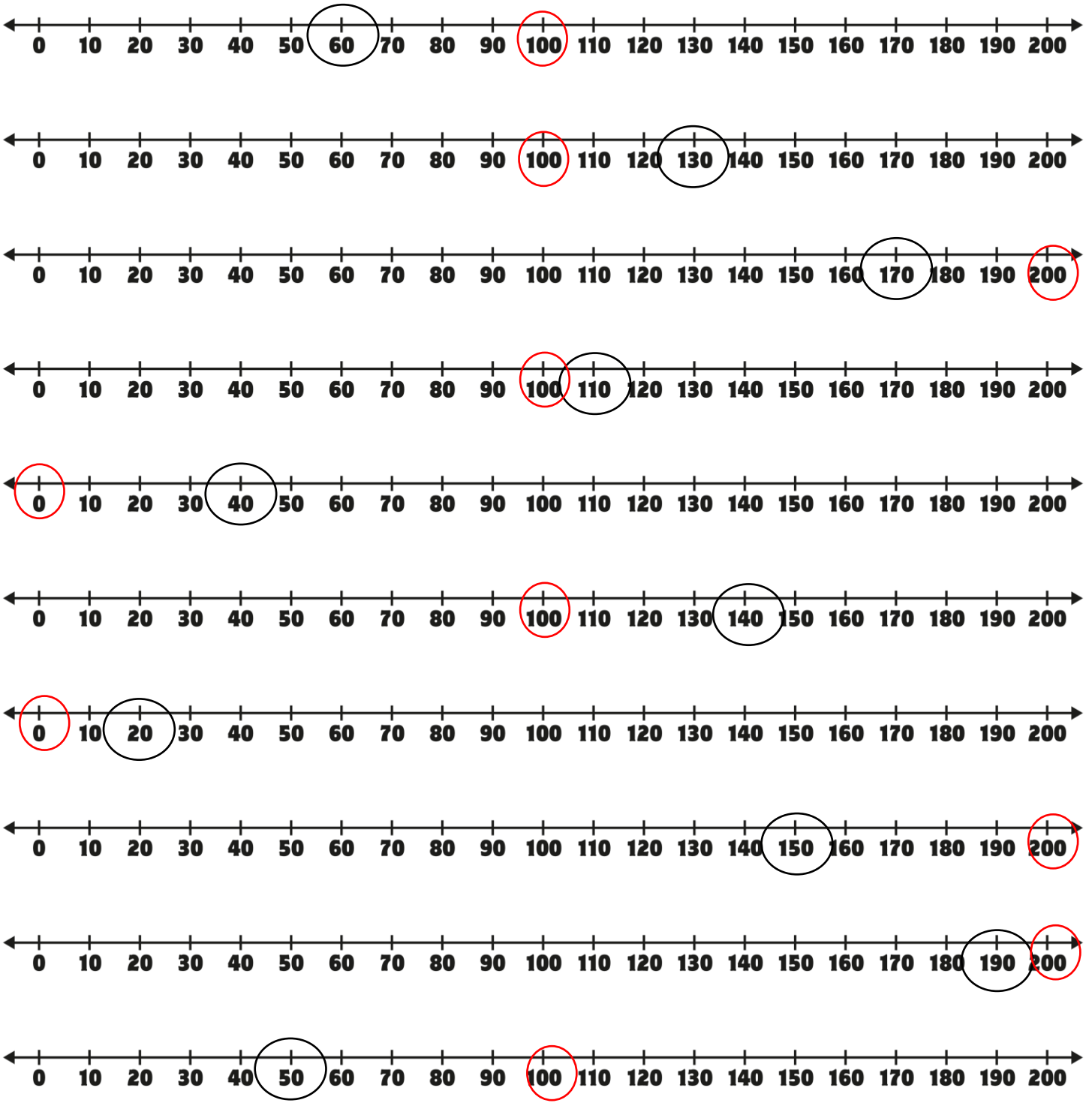
Rounding Numbers to the Nearest 100 - Number Line

Round Down ← → Round Up

0	1	2	3	4	5	6	7	8	9

Questions

Round the number to the nearest <u>hundred</u> (circle the new number)



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Name: ANSWERS 24

Curriculum Connection
B1.3

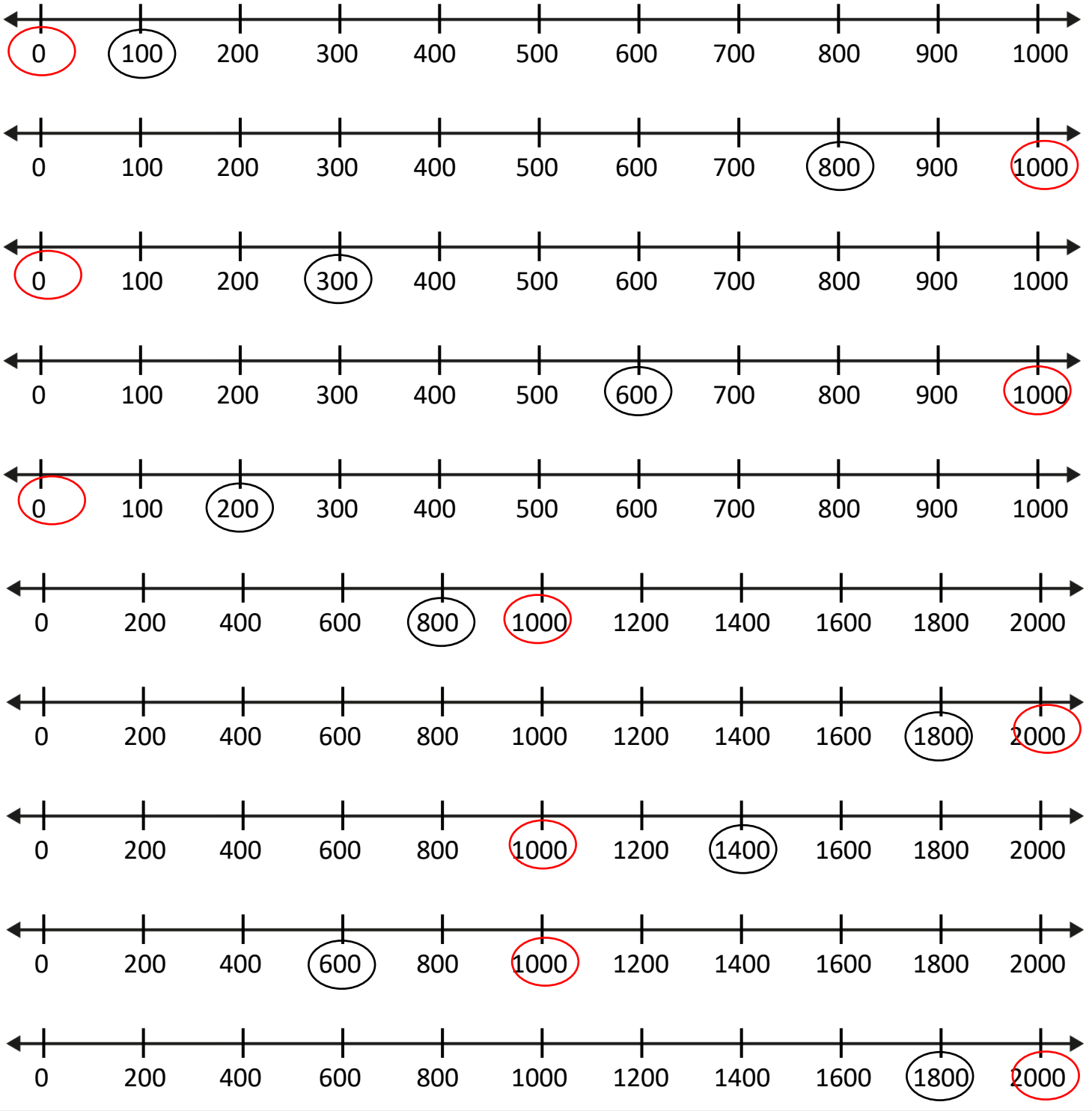
Rounding Numbers to the Nearest 1000 - Number Line

Round Down ← | → Round Up

0	1	2	3	4	5	6	7	8	9

Questions

Round the number to the nearest thousand (circle the new number)



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Name: ANSWERS 25

Curriculum Connection
B1.3

Rounding Numbers to the Nearest 10 and 100

Round Down ← | → Round Up

0	1	2	3	4	5	6	7	8	9

Rounding to the nearest 10

42 → 40

155 → 160

Rounding to the nearest 100

242 → 200

389 → 400

Part 1

Round the numbers to the nearest 10

1) 27 → 30	2) 53 → 50	3) 48 → 50
4) 75 → 80	5) 51 → 50	6) 44 → 40
7) 157 → 160	8) 184 → 180	9) 278 → 280
10) 623 → 620	11) 231 → 230	12) 427 → 430

Part 2

Round the numbers to the nearest 100

1) 172 → 200	2) 235 → 200	3) 477 → 500
4) 217 → 200	5) 243 → 200	6) 587 → 600
7) 850 → 900	8) 912 → 900	9) 397 → 400
10) 363 → 400	11) 422 → 400	12) 550 → 600

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Curriculum Connection
B1.3

Rounding Numbers to the Nearest 1000

Round Down ← | → Round Up

0	1	2	3	4	5	6	7	8	9

Rounding to the nearest 1000

↓ 4 2 1 2 → 4000

↑ 1 5 7 5 → 2000

Part 1

Round the numbers to the nearest 1000

1) 2227 → 2000	2) 5123 → 5000	3) 4638 → 5000
4) 7155 → 7000	5) 5461 → 5000	6) 4744 → 5000
7) 1357 → 100	8) 1834 → 2000	9) 2768 → 3000
10) 6213 → 6000	11) 2313 → 2000	12) 4217 → 4000
13) 6162 → 6000	11) 3591 → 4000	12) 4635 → 5000
16) 2243 → 2000	17) 9371 → 9000	18) 2597 → 3000

Part 2

Solve the word problems below

1) Lebron James scored 1698 points during the 2019-2020 season. Round his points to the nearest thousand. 2000

2) The school raised $4328 in donations last year. Round the money to the nearest thousand. 4000

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B1.3

Rounding Numbers 3 Different Ways

Round Down ← → Round Up

0	1	2	3	4	5	6	7	8	9

10	100	1000
1864 → 1860	1864 → 1900	1864 → 2000

Questions Round the numbers three different ways

#	10	100	1000
1)	2137 → 2140	2137 → 2100	2137 → 2000
2)	4236 → 4240	4236 → 4200	4236 → 4000
3)	6841 → 6840	6841 → 6800	6841 → 7000
4)	5615 → 5620	5615 → 5600	5615 → 6000
5)	7519 → 7520	7519 → 7500	7519 → 8000
6)	3782 → 3780	3782 → 3800	3782 → 4000
7)	8559 → 8560	8559 → 8600	8559 → 9000
8)	9463 → 9460	9463 → 9400	9463 → 9000

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