

Y5/6 Revision, Unit 1 (56008)

Additional teacher instructions for practice sheets

These notes indicate which practice sheets are most appropriate for which groups.

Day 1 Y5 Positive and negative numbers Sheet 1 (2 pages)

Working towards ARE / Working at ARE / Greater Depth

Working towards ARE have -20 to 20 number lines to help (page 2)

Day 1 Y6 Negative numbers Sheet 2

Working towards ARE / Working at ARE / Greater Depth

Day 2 Y5 Rounding Sheet 1

Working towards ARE

Suggest children draft number lines and mark the populations on them to help them to round if necessary.

Day 2 Y5 Rounding Sheet 2

Working at ARE / Greater Depth

Suggest children draft number lines and mark the populations on them to help them to round if necessary.

Day 2 Y6 Place value and rounding Sheet 3

Working towards ARE

Day 2 Y6 Place value and rounding Sheet 4

Working at ARE / Greater Depth

Positive and negative numbers

Sheet 1

A. Write $<$ or $>$ between each pair of numbers.

1. -5 4
2. -6 6
3. -2 -10

B. Write each set of numbers in order, smallest first.

4. -3, 3, -2
5. -4, -10, -8
6. 4, 0, -2, 5, -6

C. Write two numbers which go between each pair of numbers.

7. -7 and 0
8. 5 and -1
9. 0 and -4

D. Write the next three numbers in each sequence.

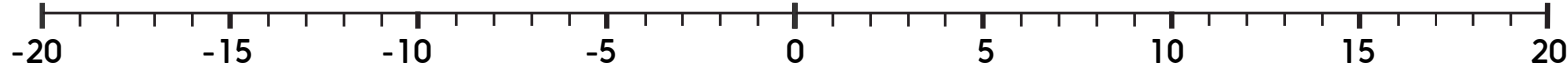
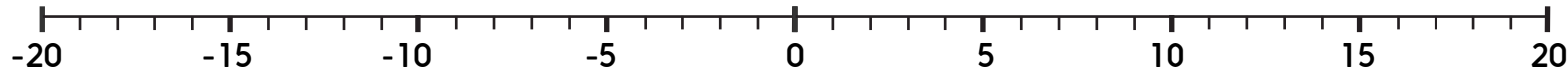
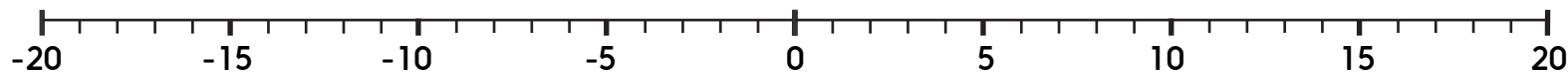
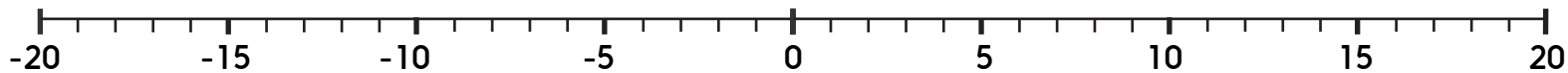
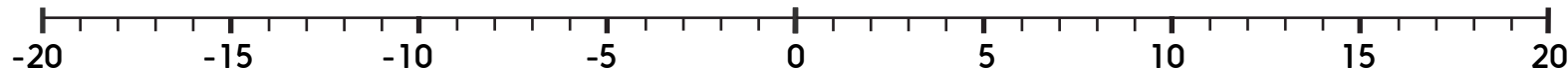
1. 20, 15, 10, 5, 0, ____, ____, ____
2. 16, 12, 8, 4, 0, ____, ____, ____
3. 17, 12, 7, 2, -3, ____, ____, ____
4. -15, -12, ____, -6, ____, ____, ____, ____

Challenge

1. A mini-sub starts off at sea level. It descends 2 metres every 5 seconds. What depth will it be after one minute?
2. The temperature is 3°C at 4pm. As it gets dark the temperature falls by 2 degrees every hour. What temperature is it at midnight?

-20 to 20 number lines

Sheet 1 continued



Negative numbers

Sheet 2

1. At noon, the temperature was 7°C . By midnight the temperature had fallen by 10°C . What was the temperature at midnight?
2. On Monday the temperature in London was 4°C . In Aberdeen the temperature was -4°C . What was the difference in temperature?
3. On Tuesday, the temperature in Birmingham was 5°C . It was 8 degrees colder in Glasgow. What was the temperature in Glasgow?
4. This table shows the maximum and minimum temperatures for a town in Finland:

Season	Maximum temperature	Minimum temperature
Winter	3°C	-23°C
Spring	7°C	-10°C
Summer	19°C	6°C
Autumn	11°C	-5°C

- a) Which season has the lowest minimum temperature?
 - b) Which of autumn or spring has the lowest minimum temperature?
 - c) What is the difference between the coldest and warmest temperatures in winter?
 - d) What is the difference between the coldest and warmest temperatures in autumn?
 - e) Which season has the biggest difference between the maximum and minimum temperatures?
 - f) What is the difference between the coldest temperature of the year and the warmest temperature of the year?
5. What is the difference between -5 and 7 ?
 6. What is the difference between -10 and 6 ?
 7. What is the difference between -4 and 4 ?
 8. Write a pair of numbers, one negative and one positive with a difference of 5 .
 9. Write a pair of numbers, one negative and one positive with a difference of 10 .
 10. Write a pair of numbers, one negative and one positive with a difference of 7 .

Rounding

Sheet 1

Round the population of each island to the nearest 100,000, then to the nearest 10,000.

		100,000	10,000
Tenerife	952,050		
Majorca	862,397		
Tasmania	507,626		
Newfoundland	479,105		
Malta	373,955		
Corsica	316,578		
Iceland	311,396		
Madeira	245,806		
Ibiza	117,698		
Corfu	98,871		

Rounding

Sheet 2

Round the population of each island to the nearest 100,000, 10,000, then 1000.

		100,000	10,000	1000
Tenerife	952,050			
Majorca	862,397			
Tasmania	507,626			
Newfoundland	479,105			
Malta	373,955			
Corsica	316,578			
Iceland	311,396			
Madeira	245,806			
Ibiza	117,698			
Corfu	98,871			

Place value and rounding

Sheet 3

1. 78,925

What is 7 worth in this number? _____

What is 8 worth in this number? _____

2. Write digits to make these statements true.

$$5, \square\square\square > \square, \square\square\square$$

$$5 \square, \square\square\square < 5 \square, \square\square\square$$

3. Write three numbers between 30,000 and 40,000 in ascending order.

↑
ascending

4. Write digits to make this statement true.

$$\square\square, \square\square\square < 34, \square\square\square < \square\square, \square\square\square$$

5. Circle the number that is closest to 50,000.

45,974

51,356

50,427

49,328

6. Circle the number that is closest to 800,000.

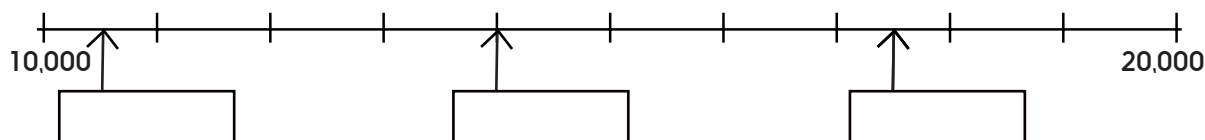
802,400

820,000

789,999

799,000

7. Write the numbers these arrows are pointing to.



8. Round 59,328 to:

a) the nearest multiple of 10,000 _____

b) the nearest multiple of 1000 _____

c) the nearest multiple of 100 _____

d) the nearest multiple of 10 _____

Place value and rounding

Sheet 4

1. 748,925

What is 7 worth in this number? _____

What is 8 worth in this number? _____

2. Write digits to make these statements true.

$$\square 5, \square \square \square > 2 \square, \square \square \square$$

$$5 \square, \square \square \square < 5 \square, \square \square \square$$

3. Write four numbers between 300,000 and 400,000 in ascending order.

↑
ascending

4. Write digits to make this statement true.

$$3 \square, \square \square \square < 34, \square \square \square < 3 \square, \square \square \square$$

5. Circle the number that is closest to 500,000.

545,974

510,356

501,427

499,328

6. Circle the number that is closest to 800,000.

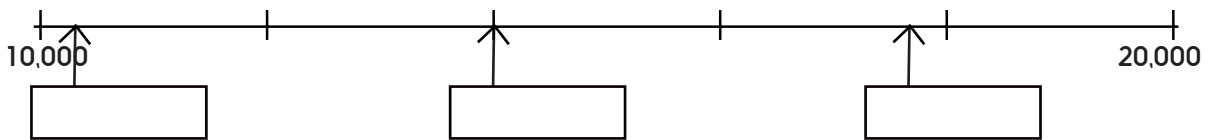
802,401

820,001

789,999

793,457

7. Estimate as accurately as possible the numbers these arrows are pointing to.



8. Round 456,328 to:

a) the nearest multiple of 100,000 _____

b) the nearest multiple of 10,000 _____

c) the nearest multiple of 1000 _____

d) the nearest multiple of 100 _____

e) the nearest multiple of 10 _____

Revision

Answers

Day 1 Y5 Positive and negative numbers Sheet 1

A.

1. $-5 < 4$
2. $-6 < 6$
3. $-2 > -10$

B.

4. $-3, -2, 3$
5. $-10, -8, -4$
6. $-6, -2, 0, 4, 5$

C.

Accept two answers from the following:

7. $-6, -5, -4, -3, -2, -1$
8. $4, 3, 2, 1, 0$
9. $-1, -2, -3$

D.

1. $20, 15, 10, 5, 0, -5, -10, -15$
2. $16, 12, 8, 4, 0, -4, -8, -12$
3. $17, 12, 7, 2, -3, -8, -13, -18$
4. $-15, -12, -9, -6, -3, 0, 3, 6$

Challenge

1. 24 metres
2. -13 °C

Day 1 Y6 Negative numbers Sheet 2

1. -3°C
2. 8°C
3. -3°C
4. a) Winter
b) Spring
c) 26°C
d) 16°C
e) Winter
f) 42°C
5. 12
6. 16
7. 8
8. e.g. -3 and 2 or -4 and 1
9. e.g. -5 and 5 or -6 and 4
10. e.g. -4 and 3 or -2 and 5

Revision

Answers

Day 2 Y5 Rounding Sheet 1

		100,000	10,000
Tenerife	952,050	1,000,000	950,000
Majorca	862,397	900,000	860,000
Tasmania	507,626	500,000	510,000
Newfoundland	479,105	500,000	480,000
Malta	373,955	400,000	370,000
Corsica	316,578	300,000	320,000
Iceland	311,396	300,000	310,000
Madeira	245,806	200,000	250,000
Ibiza	117,698	100,000	120,000
Corfu	98,871	100,000	100,000

Day 2 Y5 Rounding Sheet 2

		100,000	10,000	1000
Tenerife	952,050	1,000,000	950,000	952,000
Majorca	862,397	900,000	860,000	862,000
Tasmania	507,626	500,000	510,000	508,000
Newfoundland	479,105	500,000	480,000	479,000
Malta	373,955	400,000	370,000	374,000
Corsica	316,578	300,000	320,000	317,000
Iceland	311,396	300,000	310,000	311,000
Madeira	245,806	200,000	250,000	246,000
Ibiza	117,698	100,000	120,000	118,000
Corfu	98,871	100,000	100,000	99,000

Day 2 Y6 Place value and rounding Sheet 3

- What is 7 worth in this number? **70,000**
What is 8 worth in this number? **8000**
- e.g. **5,432 > 4,321**
53,555 < 55,222
- e.g. **39,765**
35,487
31,546
- e.g. **31,976 < 34,587 < 36,654**
- 50,427**
- 799,000**
- 10,500, 14,000, 17,500**
- 60,000**
 - 59,000**
 - 59,300**
 - 59,330**

Revision

Answers

Day 2 Y6 Place value and rounding Sheet 4

1. What is 7 worth in this number? **700,000**
What is 8 worth in this number? **8000**
2. e.g. **25,432 > 24,321**
51,555 < 56,222
3. e.g. **398,999**
356,876
333,876
312,767
4. e.g. **31,876 < 34,987 < 36,654**
5. **499,328**
6. **802,401**
7. **10,300, 14,000, 17,700**
8. a) **500,000**
b) **460,000**
c) **456,000**
d) **456,300**
e) **456,330**