

Name	
Form	
Teacher	

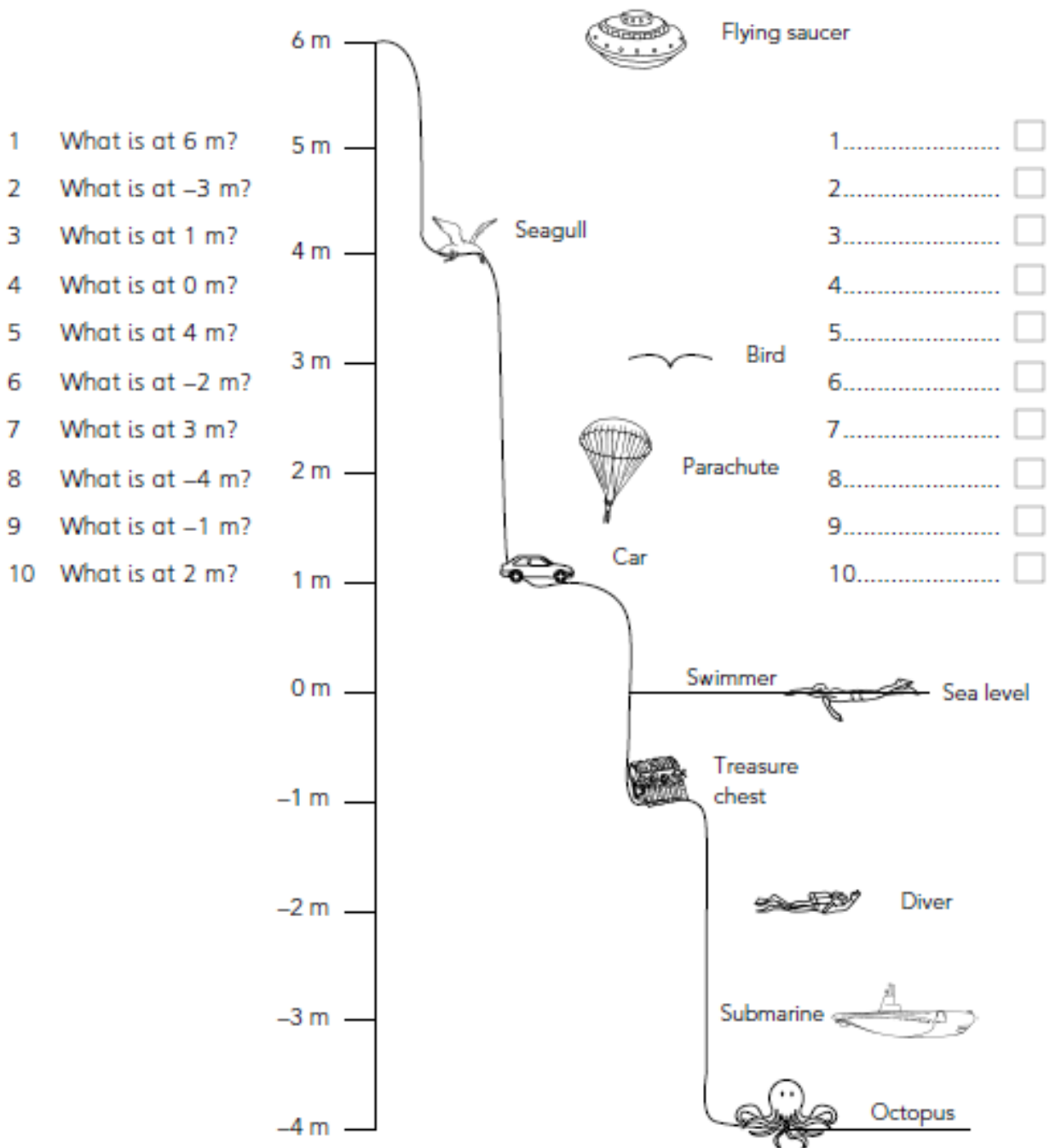
Maths

Homework Booklet

Year 7c Spring

Title	Hand in date	Score achieved
Negative Numbers - 1		
Negative Numbers - 2		
Addition and Subtraction Facts		
Tables		
Whole Number Problems with Remainders		
Mixed H		
Mixed I		
Mixed J		
Mixed K		
Mixed L		
Mixed M		
Mixed N		

Negative numbers - 1




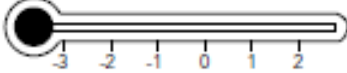
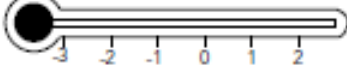
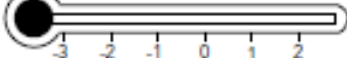


Put a circle around the negative numbers:

- 11 3 -5 4
- 12 -2 -6 8
- 13 5 1 -2
- 14 6 -3 0
- 15 -2 -4 -6
- 16 3 -2 -8
11. 3..... -5..... 4.....
12. -2..... -6..... 8.....
13. 5..... 1..... -2.....
14. 6..... -3..... 0.....
15. -2..... -4..... -6.....
16. 3..... -2..... -8.....

Negative numbers – 2

Shade in the thermometers to show these temperatures:

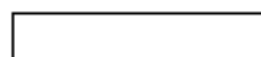
- | | | | | |
|---|--------------|--|---|--------------------------|
| 1 | 2° |  | 1 | <input type="checkbox"/> |
| 2 | -2° |  | 2 | <input type="checkbox"/> |
| 3 | -1° |  | 3 | <input type="checkbox"/> |
| 4 | 0° |  | 4 | <input type="checkbox"/> |
| 5 | -3° |  | 5 | <input type="checkbox"/> |
| 6 | 1° |  | 6 | <input type="checkbox"/> |

Which is the smallest and largest number in each list?

- | | | | |
|----|---|----------------------------------|--------------------------|
| 7 | 6, -10, 3, 0 | The smallest number is 7a | <input type="checkbox"/> |
| | | The largest number is 7b | <input type="checkbox"/> |
| 8 | -4, -2, -8, -3 | The smallest number is 8a | <input type="checkbox"/> |
| | | The largest number is 8b | <input type="checkbox"/> |
| 9 | 8, -2, -3, 0 | The smallest number is 9a | <input type="checkbox"/> |
| | | The largest number is 9b | <input type="checkbox"/> |
| 10 | -5, 0, 1, 2 | The smallest number is 10a | <input type="checkbox"/> |
| | | The largest number is 10b | <input type="checkbox"/> |
| 11 | Place these numbers in order of size, smallest first:
-3, 8, -5, 4 | 11 | <input type="checkbox"/> |
| 12 | Place these numbers in order of size, largest first:
-8, 2, -3, 0 | 12 | <input type="checkbox"/> |



Addition and subtraction facts



- 1 8 take-away 3 1.....
- 2 Add 3 and 16 2.....
- 3 Add these numbers: 10, 3, 4 3.....
- 4 Which number is 7 less than 13? 4.....
- 5 Take-away 8 from 17 5.....
- 6 Subtract 9 from 13 6.....
- 7 12 minus 5 7.....
- 8 8 add 9 8.....
- 9 How many more than 3 is 9? 9.....
- 10 6 add 7 add 9 10.....
- 11 7 plus 4 11.....
- 12 Which number is 6 more than 8? 12.....
- 13 What is the difference between 11 and 18? 13.....
- 14 How many more than 6 is 11? 14.....
- 15 On a train there were seventeen passengers.
It arrived at a station and six got off.
How many passengers were left on the train? 15.....
- 16 Jayne had eighteen sweets. She ate five.
How many sweets did she have left? 16.....
- 17 Abigail is seven years old. Her brother is eight
years older. How old is her brother? 17.....
- 18 Today is Wednesday 6th April. What will the
date be next Wednesday? 18.....
- 19 Today is Tuesday 18th May. What was the
date last Tuesday? 19.....
- 20 There were six boys and nine girls in a class.
How many children were in the class? 20.....



Tables

- 1 David has £15. He decided to buy some books.
Each cost £3. How many books did he buy? 1.....
- 2 Peter bought 7 packs of golf balls. Each pack
contained 4 balls. How many balls did he buy? 2.....
- 3 Julie bought 9 tickets to see a show.
Each ticket cost £10. What was the total cost? 3.....
- 4 A football club had 30 players. They were divided
into teams of 5. How many teams were there? 4.....
- 5 Mrs King stayed in a hotel for six nights. The cost
was £10 per night. What was the total cost? 5.....
- 6 Mr Ryan bought eight plates. The total cost was £16.
What was the cost of each plate? 6.....
- 7 Amanda bought 3 cartons of eggs.
Each carton contained six eggs. How many eggs
did she have altogether? 7.....
- 8 What is the cost of 4 burgers at £2 each? 8.....
- 9 Jenny has £27. Pens cost £3 each.
How many can she buy? 9.....
- 10 Kirsten bought some tickets for the school play.
She bought 7 tickets. The total was £14.
How much did each ticket cost? 10.....
- 11 What is the cost of 8 pens at £3 each? 11.....
- 12 How many twos make 18? 12.....
- 13 How many fives make 30? 13.....
- 14 How many tens make 60? 14.....
- 15 How many fours make 28? 15.....
- 16 How many threes make 21? 16.....
- 17 7×5 17.....
- 18 9×2 18.....
- 19 7×10 19.....
- 20 4×4 20.....

Whole number problems with remainders

- 1 A lift can carry a maximum of ten people.
How many journeys up must be made to take 37 people from the ground floor to the top floor? 1.....
- 2 Shirts cost £3 each. How many can you buy with £23? 2.....
- 3 How many 5-litre cans of water can be filled from a tank containing 28 litres? 3.....
- 4 Eggs are packed in cartons of 10. You need 82 eggs.
How many cartons should you buy? 4.....
- 5 There are 5 players in each five-a-side football team. How many complete teams can be formed with 17 players? 5.....
- 6 Books cost £4 each. How many can you buy for £27? 6.....
- 7 $6\frac{1}{4}$ rolls of wallpaper are needed for a room.
How many rolls should be bought? 7.....
- 8 Light bulbs are sold in packs of 10.
The school needs 72 light bulbs.
How many packs should be bought? 8.....
- 9 Ties cost £2 each. How many can you buy with £19? 9.....
- 10 Paint is sold in 5-litre tins. You need 32 litres.
How many should you buy? 10.....
- 11 Batteries are sold in packs of 3.
You need 10 batteries.
How many packs must you buy? 11.....
- 12 You have 30 golf balls. You put them into boxes of 4.
How many boxes can you fill? 12.....
- 13 $3\frac{1}{2}$ litres of varnish are needed. Varnish is sold in 1 litre tins. How many tins are needed? 13.....
- 14 Pencils are packed in boxes of ten. How many boxes can you fill with 73 pencils? 14.....
- 15 4 people can sit at a table. How many tables are needed for 31 people? 15.....
- 16 Batteries are sold in packs of 2.
You need 19 batteries. How many packs do you need? 16.....

Mixed H

1. What is one thousand minus six hundred and two?		11. Divide 320 by 4.	
2. What temperature is 10 degrees less than 2 degrees Celsius?		12. $6 \times 6 = 23 + ?$	
3. Write down the next two numbers. 49, 53, 57, 61, ..., ...		13. Subtract 29 from 64.	
4. What is one-quarter of thirty-six?		14. What must be added to 28 to make one hundred?	
5. What is 4×5 added to 6×6 ?		15. One orange costs 31p. How much will three oranges cost?	
6. What are the next two numbers? 4.3, 4, 3.7, ..., ...		16. $50 - \square = 28 + 14$	
7. Two factors of 18 add up to 12. What are they?		17. $(7 \times 3) + (18 \div 2) =$	
8. Divide 600 by 10		18. What is the sum of 30 and 12 divided by 7?	
9. Which is the biggest number? 2.68 2.86 2.8 2 2.806		19. What number is half-way between thirteen and forty-one?	
10. 6 biscuits cost 42p altogether. How much do 4 biscuits cost?		20. The coordinates of a square are (-7,-7), (6,-7), (6,6) and (?,?)	

Mixed I

<p>1. What is one thousand minus seven hundred and two?</p>		<p>11. Divide 540 by 9.</p>	
<p>2. What temperature is 10 degrees less than 7 degrees Celsius?</p>		<p>12. $6 \times 9 = 23 + ?$</p>	
<p>3. Write down the next two numbers. 43, 49, 55, 61, ..., ...</p>		<p>13. Subtract 26 from 54.</p>	
<p>4. What is one-quarter of twenty-eight?</p>		<p>14. What must be added to 67 to make one hundred?</p>	
<p>5. What is 4×6 added to 7×6 ?</p>		<p>15. One orange costs 19p. How much will four oranges cost?</p>	
<p>6. What are the missing numbers? ?, 0.9, 1.3, 1.7, ?</p>		<p>16. $\square - 5 = 45 \div 5$</p>	
<p>7. Two factors of 12 add up to 16. What are they?</p>		<p>17. $(6 \times 7) + (? - 6) = 60$</p>	
<p>8. Divide 3.6 by 100.</p>		<p>18. What is the product of 0.9 and 7?</p>	
<p>9. Which numbers are greater than 0.4? 0.29 0.09 0.6 0.49 0.4</p>		<p>19. What number is half-way between 12 and 56?</p>	
<p>10. 9 sweets cost 36p altogether. How much do 7 sweets cost?</p>		<p>20. The coordinates of a square are; (4,4), (4,6), (6,6) and (?,?)</p>	

Mixed J

<p>1. What is one thousand minus five hundred and two?</p>		<p>11. Divide 240 by 6.</p>	
<p>2. What temperature is 10 degrees less than 4 degrees Celsius?</p>		<p>12. $6 \times 8 = 28 + ?$</p>	
<p>3. Write down the next two numbers. 33 , 36 , 39 , 42 , ... , ...</p>		<p>13. Subtract 25 from 52.</p>	
<p>4. What is one-quarter of forty?</p>		<p>14. What must be added to 84 to make one hundred?</p>	
<p>5. What is 4×5 added to 9×6 ?</p>		<p>15. One orange costs 14p. How much will four oranges cost?</p>	
<p>6. What are the next two numbers? 0.02 , 0.12 , 0.22 , ... , ...</p>		<p>16. $\square - 15 = 100 \div 4$</p>	
<p>7. Two factors of 18 add up to 15. What are they?</p>		<p>17. $(54 \div 9) + (6 \times 3) =$</p>	
<p>8. Divide 45.7 by ten.</p>		<p>18. Divide seventy-two by four.</p>	
<p>9. Which is the smallest number? 0.502 0.57 0.59 0.5 0.051</p>		<p>19. What number is half-way between twenty-one and sixty-nine?</p>	
<p>10. 5 biscuits cost 40p altogether. How much do 3 biscuits cost?</p>		<p>20. The coordinates of a square are; (5,9), (5,5), (9,5) and (?,?)</p>	

Mixed K

<p>1. What is one thousand minus two hundred and three?</p>		<p>11. Divide 350 by 5.</p>	
<p>2. What temperature is 9 degrees less than 3 degrees Celsius?</p>		<p>12. $6 \times 6 = 28 + ?$</p>	
<p>3. Write down the next two numbers. 38, 34, 30, 26, ..., ...</p>		<p>13. Subtract 29 from 48.</p>	
<p>4. What is one-quarter of sixteen?</p>		<p>14. What must be added to 14 to make one hundred?</p>	
<p>5. What is 10×5 added to 9×3 ?</p>		<p>15. One orange costs 12p. How much will four oranges cost?</p>	
<p>6. What are the next two numbers? -21, -15, -9, ..., ...</p>		<p>16. $\square + 35 = 240 \div 3$</p>	
<p>7. Two factors of 20 add up to 7. What are they?</p>		<p>17. $(8 \times 5) - (5 \times 3) =$</p>	
<p>8. Multiply 0.05 by 100.</p>		<p>18. What is 96 divided by 8?</p>	
<p>9. Which is the biggest number? 1.3 0.31 1.31 0.103 1.13</p>		<p>19. What number is half-way between twelve and thirty-six?</p>	
<p>10. Six sweets cost 36p altogether. How much do seven sweets cost?</p>		<p>20. The coordinates of a square are; (7,3), (11,3), (7,7) and (?,?)</p>	

Mixed L

<p>1. What is one thousand minus five hundred and one?</p>		<p>11. Divide 280 by 4.</p>	
<p>2. What temperature is 10 degrees less than 6 degrees Celsius?</p>		<p>12. $6 \times 4 = 39 - ?$</p>	
<p>3. Write down the next two numbers. 11, 18, 25, 32, ..., ...</p>		<p>13. Subtract 19 from 74.</p>	
<p>4. What is one-sixth of fifty-four?</p>		<p>14. What must be added to 43 to make one hundred?</p>	
<p>5. What is 3×5 added to 8×6 ?</p>		<p>15. One orange costs 23p. How much will three oranges cost?</p>	
<p>6. What are the next two numbers? -15, -11, -7, ..., ...</p>		<p>16. $\square + 15 = 240 \div 4$</p>	
<p>7. Two factors of 20 add up to 9. What are they?</p>		<p>17. $(8 \times 7) - (4 \times 3) =$</p>	
<p>8. Multiply 1.05 by 100.</p>		<p>18. What is 48 divided by 8?</p>	
<p>9. Which is the biggest number? 1.23 0.31 1.03 0.303 1.13</p>		<p>19. What number is half-way between six and thirty-two?</p>	
<p>10. Four sweets cost 36p altogether. How much do seven sweets cost?</p>		<p>20. The coordinates of a square are; (5,2), (8,2), (8,5) and (?,?)</p>	

Mixed M

1. What number is two less than three hundred and one?		11. Divide 240 by 6.	
2. $156 \times 10 =$		12. $5 \times 4 = 80 \div ?$	
3. What is one thousand minus two hundred and one?		13. Subtract 35 from 52.	
4. Write 347 to the nearest ten.		14. Add together 22, 17 and 25.	
5. What temperature is 9 degrees less than 5 degrees Celsius?		15. What must be added to 56 to make one hundred?	
6. Write down the next two numbers. $41, 36, 31, 26, \dots, \dots$		16. One orange costs 16p. How much will three oranges cost?	
7. What is one-sixth of forty-eight?		17. How many months are in one and a half years?	
8. What is two and a half added to five and a half?		18. What is the total of 146 and 35?	
9. What is the product of 4 and 9?		19. Find the total of 5 and 7, then multiply the result by three.	
10. What is 3×4 added to 6×5 ?		20. How many 5p pieces would make 65p ?	

Mixed N

1. What number is five less than three hundred and two?		11. Divide 420 by 6.	
2. $172 \times 10 =$		12. $6 \times 3 = 23 - ?$	
3. What is one thousand minus six hundred and one?		13. Subtract 39 from 51.	
4. Write 129 to the nearest ten.		14. Add together 24, 11 and 19.	
5. What temperature is 9 degrees less than 2 degrees Celsius?		15. What must be added to 73 to make one hundred?	
6. Write down the next two numbers. $17, 23, 29, 35, \dots, \dots$		16. One orange costs 15p. How much will four oranges cost?	
7. What is one-fifth of thirty-five?		17. How many months are in two and a half years?	
8. What is three and a half added to two and a half?		18. What is the total of 176 and 129?	
9. What is the product of 6 and 7?		19. Find the total of 2, 3 and 4, then multiply the result by six.	
10. What is 3×5 added to 6×6 ?		20. How many 5p pieces would make 95p ?	