

Handed out: 06.11.25

Due in: 12.11.25

WB 17th November it will be assessment week. To prepare you, I would like you to practise arithmetic (must) and R&PS (should) style questions. I will be giving you similar style questions for your maths homework over the next few weeks but just with different numbers! If you would like to practice some more at home, ask your adult if they could give you the same questions but with different numbers ☺

Please complete your homework in your maths book, not on the sheet this week.

Must – Arithmetic

Miss Scannell's Maths group:

1. $478 + 529 =$
2. $63 \times 100 =$
3. $245 - 38 =$
4. 3,186 rounded to the nearest 100
5. $4,372 + 3,145 =$
6. $5,000 - \underline{\hspace{1cm}} = 2,600$
7. $57 \times 3 =$
8. 100 less than 3,015 is
9. $456 + \underline{\hspace{1cm}} = 589$
10. $2 \times \underline{\hspace{1cm}} \times 100 = 18,000$
11. $648 \div \underline{\hspace{1cm}} = 648$
12. $\underline{\hspace{1cm}} = 784 \div 8$
13. $15 \times \underline{\hspace{1cm}} = 180$
14. $6^3 =$
15. $42 \div 2 = 3 \times \underline{\hspace{1cm}}$
16. $11,452 - 640 = \underline{\hspace{1cm}} - 140$
17. $9^2 =$

Miss McLaughlin maths group:

1. $57 - 8 =$
2. $7 \times 6 =$
3. $804 - 400 =$
4. $18 \div 6 =$
5. $63 - 47 =$
6. $372 + 50 =$
7. $249 + 8 =$
8. $24 = \underline{\hspace{1cm}} \times 4$
9. $60 + \underline{\hspace{1cm}} = 120$
10. $526 + 30 =$
11. $43 - 7 =$
12. $\underline{\hspace{1cm}} = 420 + 250$
13. $618 + 257 =$
14. $48 \div 12 =$
15. $374 = \underline{\hspace{1cm}} + 70 + 4$
16. $862 - 70 =$
17. $319 + 84 =$
18. $983 - 46 =$
19. $9 = 81 \div \underline{\hspace{1cm}}$
20. $365 - 128 =$

Should:

Should for Miss Scannell's maths group:

1. Miss Scannell's number is seven thousand three hundred and sixty-two. Write this using numerals.
2. Miss Scannell's number is 4,728. Write this in words.
3. What number is 10 times the size of nine hundred and eight?

4. Here is a part-whole model:

$$\begin{array}{c} 260 \\ / \quad \backslash \\ 185 \quad 75 \end{array}$$

Complete the sentences:

A) $260 - \underline{\hspace{1cm}} = 75$ B) $185 = \underline{\hspace{1cm}} - \underline{\hspace{1cm}}$

5. Cupcakes come in boxes of 8.

A) How many cupcakes are there in 7 boxes?

B) Rosie wants to buy 96 cupcakes. How many boxes should she buy?

6. Complete the sentence in two different ways.

A) $4,275 = 4,000 + \underline{\quad} + 70 + \underline{\quad}$

B) $4,275 = 4,000 + \underline{\quad} + 70 + \underline{\quad}$

7. Complete the sentences.

A) 460 is 50 more than _____

B) _____ is 50 more than 1,295

8. Complete the table by rounding the numbers to the nearest 1,000.

Number Rounded to the nearest 1,000

247,650

24,765

2,476

9. 75,438 people live in Bristol. 82,905 people live in York. How many more people live in York than in Bristol?

10. Write the numbers in the correct place in the table.

Numbers: 9 6 11

	Prime	Factor of 26
Multiple of 3		
Not a multiple of 3		

11. Complete the sequence.

622,000 612,000 602,000 _____ _____

12. Ron chooses a square number. He rounds it to the nearest hundred. His answer is 400. Write all the possible square numbers Ron could have chosen.

13. In total there are 7,236 people at a zoo. There are 1,800 more adults than children at the zoo. How many children are at the zoo?

Should for Miss McLaughlin's maths group:

1. A) Ava makes this number: 763. Write this number in words.

B) Ben makes this number: two hundred and eight. Write this number in numerals.

2. Complete the part-whole model:

96
/ \
16 ___

3.

A) Looking at the numbers below, what are the multiples of 3?

5 12 18 25

B) Looking at the numbers below, what are the multiples of 10:

20 45 60 73

4. Write these numbers in order from smallest to greatest:

345 354 325 503 412

5. Alex is counting up in 50s from 0. Which of these numbers will she say?

250 275 400 600

6. Complete the number track:

150 200 ___ 300 ___ ____

7. Rosie and Mo are both estimating the answer to $512 - 98$.

Rosie says, "The answer is about 400."

Mo says, "The answer is about 500."

Whose estimate is better? Why?

8. Annie is calculating $634 - 99$.

Annie says, "First I am going to subtract 100 from 634."

What does Annie need to do next?

☐ add 1 ☐ subtract 1 ☐ add 99 ☐ subtract 99

9. Complete the number sentences:

A) $8 \times 4 = 5 \times 4 + \underline{\quad} \times 4$

B) $7 \times 3 \times \underline{\quad} = 7 \times 9$

10. Fill in the missing numbers:

A) $\underline{\quad}$ more than 305 is 405

B) 10 less than $\underline{\quad}$ is 120

11. A) Which one of these is a multiple of 6:

78 83

B) Explain your reasoning.

12.

A) Tommy has 325 stickers. He is given 168 more stickers. How many stickers does he have now?

B) Write a subtraction to check your answer.

13.

A) Dani is putting sweets into party bags. She puts 4 sweets in each bag. She uses 32 sweets in total. How many bags does she fill?

B) Dani wants to put 6 stickers into each party bag. She has 40 stickers. How many more stickers does she need?

Could:

Must answers:

Miss Scannell's Maths group:

1. 1007
2. 6300
3. 207
4. 3200
5. 7517
6. 2400
7. 171
8. 2915
9. 133
10. 90
11. 1
12. 98
13. 12
14. 216
15. 7
16. 10,942
17. 81

Miss McLaughlin maths group:

1. 49
2. 42
3. 404
4. 3
5. 16
6. 422
7. 257
8. 6
9. 60
10. 556
11. 36
12. 670
13. 875
14. 4
15. 300
16. 792
17. 403
18. 937
19. 9
20. 237

Should answers:

Miss Scannell's maths group:

1. 7,362
2. Four thousand seven hundred and twenty-eight
3. 9,080
4. A) $260 - 185 = 75$ and B) $185 = 260 - 75$
5. A) 56 cupcakes B) 12 boxes
6. A) $4,000 + 200 + 70 + 5$ B) $4,000 + 100 + 70 + 175$ – There are other ways too!
7. A) 410 B) 1,345
8. $247,650 \rightarrow 248,000$ | $24,765 \rightarrow 25,000$ | $2,476 \rightarrow 2,000$
9. 7,467
10. Prime: 11 | Factor of 26: (none) | Multiple of 3: 6, 9 | Not a multiple of 3: 11
11. 592,000; 582,000
12. 361, 400, 441
13. 2,718 children

Miss McLaughlin's maths group:

1. a) $763 \rightarrow$ seven hundred and sixty-three
b) two hundred and eight $\rightarrow 208$
2. Part-whole model:
 $96 - 16 = 80$
3. a) Multiples of 3 $\rightarrow 12$ and 18
b) Multiples of 10 $\rightarrow 20$ and 60
4. Order from smallest to greatest:
325, 345, 354, 412, 503

5. Alex counting in 50s:
250, 400, 600

6. Number track:
150 200 250 300 350 400

7. Better estimate $\rightarrow$ Rosie, because
 $512 - 98 \approx 414$, which is closer to 400 than 500.

8. Annie needs to $\rightarrow$ add 1
(When subtracting 99, you subtract 100 then add 1 back.)

9. a) $8 \times 4 = 5 \times 4 + 3 \times 4$
b) $7 \times 3 \times 3 = 7 \times 9$

10. a) 100 more than 305 is 405
b) 10 less than 130 is 120

11. a) Multiple of 6 $\rightarrow$ 78
b) Because $6 \times 13 = 78$ (and $83 \div 6$ is not a whole number)

12.
a) $325 + 168 = 493$ stickers.
b) Subtraction check: $493 - 168 = 325$

13. a) 4 sweets in each bag, 32 total $\rightarrow$ 8 bags
b) 6 stickers $\times$ 8 bags = 48 stickers needed.
She has 40 $\rightarrow$ needs 8 more stickers.