

Year 3 maths worksheet

Year 3 | Lower KS2

Name _____ Class _____ Date _____

Score _____ / 24

Show your working in the space and write each answer in the box. Use pencil and paper methods; a calculator is not needed.

Example: $145 + 238 = 383$. Add the ones ($5 + 8 = 13$: write 3 and exchange one ten), then add the tens and the hundreds.

Section A · Number and calculation

1. $236 + 148 =$

2. $457 + 225 =$

3. $609 + 173 =$

4. $584 - 236 =$

5. $702 - 358 =$

6. $900 - 427 =$

7. $7 \times 3 =$

8. $8 \times 4 =$

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9. $6 \times 8 =$

Answer

10. 24 divided by 3 =

Answer

11. 32 divided by 4 =

Answer

12. 56 divided by 8 =

Answer

Section B · Fractions, measures and data

13. What is the value of the 7 in 472?

Answer

14. Put 305, 350 and 503 in increasing order.

Answer

15. Find $\frac{1}{3}$ of 24.

Answer

16. Find $\frac{3}{4}$ of 20.

Answer

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17. $\frac{2}{7} + \frac{3}{7} =$

Answer

18. $\frac{7}{8} - \frac{2}{8} =$

Answer

19. Convert 3 m to centimetres.

Answer

20. A rectangle is 8 cm by 5 cm. Find its perimeter.

Answer

21. A lesson starts at 9:15 and ends at 10:00. How long is it?

Answer

22. You pay £5 for an item costing £2.65. Find the change.

Answer

23. Books read: Sam 6, Mia 9, Ben 4. How many altogether?

Answer

24. Books read: Sam 6, Mia 9, Ben 4. How many more did Mia read than Ben?

Answer

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Check each answer and its method. Equivalent forms are correct unless a question asks for a particular form or degree of accuracy.

Section A · Number and calculation

1. 384

Add ones, tens and hundreds; exchange where needed. $236 + 148 = 384$.

2. 682

Add ones, tens and hundreds; exchange where needed. $457 + 225 = 682$.

3. 782

Add ones, tens and hundreds; exchange where needed. $609 + 173 = 782$.

4. 348

Subtract by place value, exchanging where needed. $584 - 236 = 348$.

5. 344

Subtract by place value, exchanging where needed. $702 - 358 = 344$.

6. 473

Subtract by place value, exchanging where needed. $900 - 427 = 473$.

7. 21

7 groups of 3 give 21.

8. 32

8 groups of 4 give 32.

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9. 48

6 groups of 8 give 48.

10. 8

$8 \times 3 = 24$.

11. 8

$8 \times 4 = 32$.

12. 7

$7 \times 8 = 56$.

Section B · Fractions, measures and data

13. 70

The 7 is in the tens column: 7 tens = 70.

14. 305, 350, 503

Compare hundreds first, then tens and ones.

15. 8

Divide 24 into 3 equal groups: $24 \div 3 = 8$.

16. 15

One quarter is $20 \div 4 = 5$. Three quarters are $3 \times 5 = 15$.

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17. 5/7

$$2/7 + 3/7 = 2/7 + 3/7 = 5/7.$$

18. 5/8

Keep denominator 8: $7 - 2 = 5$. Answer 5/8, equivalent to 5/8.

19. 300 cm

$$1 \text{ m} = 100 \text{ cm, so } 3 \times 100 = 300 \text{ cm.}$$

20. 26 cm

$$\text{Add all four sides: } 8 + 5 + 8 + 5 = 26 \text{ cm.}$$

21. 45 minutes

Count 45 minutes from 9:15 to 10:00.

22. £2.35

$$500\text{p} - 265\text{p} = 235\text{p} = £2.35.$$

23. 19

$$\text{Add the three values: } 6 + 9 + 4 = 19.$$

24. 5

$$\text{Subtract: } 9 - 4 = 5.$$
