

Year 3 mental maths worksheet

Year 3 | Lower KS2

Name _____ Class _____ Date _____

Score _____ / 24

Work each answer out in your head where you can and write it in the box. Jot down working if it helps.

Example: $345 + 30 = 375$. Only the tens digit changes: 4 tens + 3 tens = 7 tens.

Section A · Quick recall

1. $236 + 20 =$

2. $458 + 100 =$

3. $347 + 8 =$

4. $602 - 5 =$

5. $7 \times 3 =$

6. $9 \times 4 =$

7. $6 \times 8 =$

8. 56 divided by 8 =

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Section B · Connect the facts

9. What is the value of 6 in 364?

Answer

10. Complete: $275 + \underline{\quad} = 300$.

Answer

11. $49 + 28 =$

Answer

12. $83 - 29 =$

Answer

13. One third of 27.

Answer

14. Three quarters of 20.

Answer

15. $\frac{2}{7} + \frac{3}{7} =$ (give a fraction).

Answer

16. Convert 2 m to centimetres.

Answer

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Section C · Apply in context

17. Next number: 96, 88, 80, ____.

Answer

18. Round 347 to the nearest ten.

Answer

19. Double 45.

Answer

20. Half of 86.

Answer

21. 4 packs contain 8 stickers each. How many stickers?

Answer

22. A rectangle is 7 cm by 4 cm. Perimeter in cm?

Answer

23. Change from £1 for a 65p item, in pence?

Answer

24. A lesson starts at 10:20 and lasts 30 minutes. Minutes past 10 when it ends?

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 · Quick recall

1. 256

$236 + 20 = 256$. Use known facts or partition the numbers.

2. 558

$458 + 100 = 558$. Use known facts or partition the numbers.

3. 355

$347 + 8 = 355$. Use known facts or partition the numbers.

4. 597

$602 - 5 = 597$. Use known facts or partition the numbers.

5. 21

$7 \times 3 = 21$. Use known facts or partition the numbers.

6. 36

$9 \times 4 = 36$. Use known facts or partition the numbers.

7. 48

$6 \times 8 = 48$. Use known facts or partition the numbers.

8. 7

56 divided by 8 = 7. Use known facts or partition the numbers.

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Section B · Connect the facts

9. 60

The six is in the tens place.

10. 25

Add five to 280, then twenty.

11. 77

Add fifty then subtract one, or partition.

12. 54

Subtract thirty then add one.

13. 9

Divide by three.

14. 15

A quarter is five; multiply by three.

15. $\frac{5}{7}$

Add numerators; keep denominator seven.

16. 200

One metre is one hundred centimetres.

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Section C · Apply in context

17. 72

Subtract eight each time.

18. 350

Seven ones round up.

19. 90

Double forty, double five, add.

20. 43

Half eighty plus half six.

21. 32

Use four groups of eight.

22. 22

Double the sum of the two side lengths.

23. 35

Count sixty-five up to one hundred.

24. 50

Add thirty minutes.
