

# Calculations test 1

Final score

20 %

Calculators must not be used in this test.

- 1 Write down the
- (a) sum of 9 and 17 \_\_\_\_\_
- (b) difference between 18 and 33  
\_\_\_\_\_
- (c) product of 8 and 9 \_\_\_\_\_
- (d) remainder when 20 is divided by 3  
\_\_\_\_\_

2 Complete the multiplication square.

×	4	7	6	8
9				
3				
5				
7				

3 Write the other three addition and subtraction facts using the same numbers.

$48 - 23 = 25$

\_\_\_\_\_ - \_\_\_\_\_ = \_\_\_\_\_

\_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_

\_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_

4 Write the other three multiplication and division facts using the same numbers.

$30 \div 3 = 10$

\_\_\_\_\_  $\div$  \_\_\_\_\_ = \_\_\_\_\_

\_\_\_\_\_  $\times$  \_\_\_\_\_ = \_\_\_\_\_

\_\_\_\_\_  $\times$  \_\_\_\_\_ = \_\_\_\_\_

5 Calculate:

(a)  $3 + 5 \times 8 =$  \_\_\_\_\_

(b)  $4 \times 7 - (3 + 2) =$  \_\_\_\_\_

Calculate in your head, with no written working.

6 (a) What is the sum of the first five prime numbers?  
\_\_\_\_\_

(b) Subtract 499 from 7000 \_\_\_\_\_

7 (a) How many chocolate bars priced at 45p could you buy with a £5 note?  
\_\_\_\_\_

(b) Find the total cost of 6 books priced at £5.99 each.  
£ \_\_\_\_\_

8 Given that  $37 \times 44 = 1628$ , complete the following:

(a)  $37 \times 440 =$  \_\_\_\_\_

(b)  $37 \times 22 =$  \_\_\_\_\_

(c)  $1628 \div 44 =$  \_\_\_\_\_

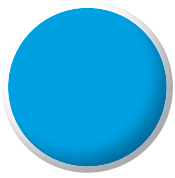
Set out your working clearly.

9 (a) Add:  $450 + 87$   
\_\_\_\_\_

(b) Add:  $35.7 + 69.3$   
\_\_\_\_\_

10 (a) Subtract:  $450 - 87$   
\_\_\_\_\_

(b) Subtract:  $35.7 - 9.34$   
\_\_\_\_\_



# Calculations test 2

Final score

20 \_\_\_ %

Calculators must not be used in this test.

1 (a) Multiply:  $435 \times 7$

(b) Multiply:  $8.09 \times 6$

2 Multiply:  $308 \times 19$

3 Multiply:  $6.45 \times 1.3$

4 (a) Divide:  $994 \div 7$

(b) Divide:  $9.75 \div 3$

5 (a) Divide, leaving a remainder:  $100 \div 6$

(b) Divide, giving your answer to 2 decimal places:  $3 \div 7$

6 (a) Divide, using factors:  $560 \div 14$

(b) Divide, giving an exact answer:  $5 \div 8$

7 (a) Jo calculated the total cost of her shopping and her calculator display showed the result 40.8

What was the cost of Jo's shopping?

£ \_\_\_\_\_

(b) Tom calculated the number of bottles he could fill from a large container of juice and his calculator showed the result 17.8

How many bottles would he be able to fill completely?

8 A calculator shows the result 3.5

What would this mean in:

(a) hours and minutes

\_\_\_\_\_ hours \_\_\_\_\_ minutes

(b) feet and inches?

\_\_\_\_\_ feet \_\_\_\_\_ inches

9 Complete these statements using **even** or **odd**:

(a) An odd number times an \_\_\_\_\_ number gives an odd number.

(b) An even number minus an odd number gives an \_\_\_\_\_ number.

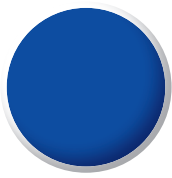
10 (a) When Freya added 349 to 47 her calculator showed this result:

396

Is this correct? \_\_\_\_\_

(b) When John multiplied 1.5 by 1.2 his calculator showed the result 1.8

Is this correct? \_\_\_\_\_



# Calculations test 3

Final score

20 %

Calculators must not be used in this test.

- 1 Write down the
- (a) sum of 17 and 35 \_\_\_\_\_
  - (b) difference between 23 and 7 \_\_\_\_\_
  - (c) product of 6 and 7 \_\_\_\_\_
  - (d) remainder when 30 is divided by 4  
\_\_\_\_\_

2 Complete the multiplication square.

×	5	8	7	9
8				
4				
6				
9				

3 Write the other three addition and subtraction facts using the same numbers.

$35 - 18 = 17$

\_\_\_\_\_ - \_\_\_\_\_ = \_\_\_\_\_

\_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_

\_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_

4 Write the other three multiplication and division facts using the same numbers.

$56 \div 8 = 7$

\_\_\_\_\_  $\div$  \_\_\_\_\_ = \_\_\_\_\_

\_\_\_\_\_  $\times$  \_\_\_\_\_ = \_\_\_\_\_

\_\_\_\_\_  $\times$  \_\_\_\_\_ = \_\_\_\_\_

5 Calculate:

(a)  $6 + 3 \times 7 =$  \_\_\_\_\_

(b)  $5 \times 9 - (7 + 8) =$  \_\_\_\_\_

Calculate in your head, with no written working.

- 6 (a) What is the sum of the numbers from 10 to 14 inclusive?  
\_\_\_\_\_
- (b) Subtract 37 from 400 \_\_\_\_\_
- 7 (a) How many packets of crisps priced at 48p could you buy with a £10 note?  
\_\_\_\_\_
- (b) Find the total cost of 6 magazines priced at £2.99 each.  
\_\_\_\_\_

8 Given that  $22 \times 56 = 1232$ , complete the following:

(a)  $11 \times 56 =$  \_\_\_\_\_

(b)  $22 \times 28 =$  \_\_\_\_\_

(c)  $1232 \div 44 =$  \_\_\_\_\_

Set out your working clearly.

9 (a) Add:  $375 + 26$

\_\_\_\_\_

(b) Add:  $73.9 + 29.3$

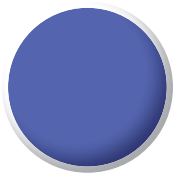
\_\_\_\_\_

10 (a) Subtract:  $132 - 43$

\_\_\_\_\_

(b) Subtract:  $29.4 - 12.5$

\_\_\_\_\_



# Calculations test 4

Final score

20 %

Calculators must not be used in this test.

1 (a) Multiply:  $565 \times 9$

\_\_\_\_\_

(b) Multiply:  $3.45 \times 5$

\_\_\_\_\_

2 Multiply:  $416 \times 17$

\_\_\_\_\_

3 Multiply:  $7.95 \times 2.1$

\_\_\_\_\_

4 (a) Divide:  $152 \div 8$

\_\_\_\_\_

(b) Divide:  $11.7 \div 5$

\_\_\_\_\_

5 (a) Divide, leaving a remainder:  $60 \div 7$

\_\_\_\_\_

(b) Divide, giving your answer to 2 decimal places:  $4 \div 9$

\_\_\_\_\_

6 (a) Divide, using factors:  $312 \div 24$

\_\_\_\_\_

(b) Divide, giving an exact answer:  $70 \div 8$

\_\_\_\_\_

7 (a) Maxine calculated the total cost of her shopping and her calculator display showed the result 56.4

What was the cost of Maxine's shopping?

£ \_\_\_\_\_

(b) Tyger calculated the number of glasses he could fill from a jug of juice and his calculator showed the result 6.7

How many glasses would he be able to fill completely?

\_\_\_\_\_

8 A calculator shows the result 2.6

What would this mean in:

(a) hours and minutes

\_\_\_\_\_ hours \_\_\_\_\_ minutes

(b) kilograms and grams?

\_\_\_\_\_ kg \_\_\_\_\_ g

9 Complete these statements using **even** or **odd**:

(a) An even number plus an \_\_\_\_\_ number gives an odd number.

(b) An odd number times an odd number gives an \_\_\_\_\_ number.

10 (a) When Tamera subtracted 499 from 800 her calculator showed this result:

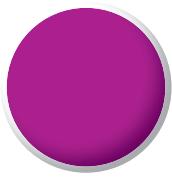
311

Is this correct? \_\_\_\_\_

(b) When Julian divided 4200 by 7 his calculator showed this result:

60

Is this correct? \_\_\_\_\_



# Calculations test 5

Final score

20 %

Calculators must not be used in this test.

- 1 Write down the
- (a) sum of 14 and 29 \_\_\_\_\_
- (b) difference between 53 and 27  
\_\_\_\_\_
- (c) product of 8 and 11 \_\_\_\_\_
- (d) remainder when 40 is divided by 6  
\_\_\_\_\_

2 Complete the multiplication square.

×	9	5	4	7
8				
6				
7				
3				

3 Write the other three addition and subtraction facts using the same numbers.

$31 - 19 = 12$

\_\_\_\_\_ - \_\_\_\_\_ = \_\_\_\_\_

\_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_

\_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_

4 Write the other three multiplication and division facts using the same numbers.

$63 \div 9 = 7$

\_\_\_\_\_  $\div$  \_\_\_\_\_ = \_\_\_\_\_

\_\_\_\_\_  $\times$  \_\_\_\_\_ = \_\_\_\_\_

\_\_\_\_\_  $\times$  \_\_\_\_\_ = \_\_\_\_\_

5 Calculate:

(a)  $9 + 6 \times 7 =$  \_\_\_\_\_

(b)  $3 \times 8 - (8 + 3) =$  \_\_\_\_\_

Calculate in your head, with no written working.

6 (a) What is the sum of the first five odd numbers?  
\_\_\_\_\_

(b) Subtract 108 from 2000 \_\_\_\_\_

7 (a) James has £6.00

How many chocolate bars priced at 59p can he buy?  
\_\_\_\_\_

(b) Find the total cost of 5 DVDs priced at £7.99 each.  
\_\_\_\_\_

8 Given that  $48 \times 25 = 1200$ , complete the following:

(a)  $48 \times 50 =$  \_\_\_\_\_

(b)  $24 \times 25 =$  \_\_\_\_\_

(c)  $600 \div 25 =$  \_\_\_\_\_

Set out your working clearly.

9 (a) Add:  $359 + 143$

\_\_\_\_\_

(b) Add:  $28.9 + 7.85$

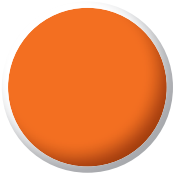
\_\_\_\_\_

10 (a) Subtract:  $193 - 44$

\_\_\_\_\_

(b) Subtract:  $45.2 - 8.45$

\_\_\_\_\_



# Calculations test 6

Final score

20 \_\_\_ %

Calculators must not be used in this test.

1 (a) Multiply:  $281 \times 9$

\_\_\_\_\_

(b) Multiply:  $66.6 \times 6$

\_\_\_\_\_

2 Multiply:  $438 \times 23$

\_\_\_\_\_

3 Multiply:  $75.2 \times 2.5$

\_\_\_\_\_

4 (a) Divide:  $1305 \div 9$

\_\_\_\_\_

(b) Divide:  $65.5 \div 5$

\_\_\_\_\_

5 (a) Divide, leaving a remainder:  $70 \div 8$

\_\_\_\_\_

(b) Divide, giving your answer to 2 decimal places:  $5 \div 7$

\_\_\_\_\_

6 (a) Divide, using factors:  $435 \div 15$

\_\_\_\_\_

(b) Divide, giving an exact answer:  $33 \div 6$

\_\_\_\_\_

7 (a) Tanya calculated the total cost of decorating her bedroom and her calculator display showed the result 110.5

What was the cost? £ \_\_\_\_\_

(b) William calculated the number of tins of paint he would need to paint a fence. His calculator showed the result 5.4

How many tins should he buy?

\_\_\_\_\_

8 A calculator shows the result 6.25

What would this mean in:

(a) hours and minutes

\_\_\_\_\_ hours \_\_\_\_\_ minutes

(b) feet and inches?

\_\_\_\_\_ feet \_\_\_\_\_ inches

9 Complete these statements using **even** or **odd**:

(a) An odd number times an \_\_\_\_\_ number gives an even number.

(b) An even number minus an even number gives an \_\_\_\_\_ number.

10 (a) When Sandy added 39.5 to 2.5 his calculator showed this result:

42

Is this correct? \_\_\_\_\_

(b) When Alex multiplied 14 by 3.2 his calculator showed the incorrect result 448

What mistake did Alex make? \_\_\_\_\_

\_\_\_\_\_