

Name:

Exam Style Questions

Decimals: Addition and Subtraction



Corbettmaths

Equipment needed: Pen, Calculator

Guidance

1. Read each question carefully before you begin answering it.
2. Check your answers seem right.
3. Always show your workings

Video Tutorial

www.corbettmaths.com/contents



Videos 90, 91

Answers and Video Solutions



1. Four students answer a question.



The table shows how long it took each student to answer the question.

Olivia	Jessica	Erin	Zinah
15.2 seconds	27.1 seconds	20.5 seconds	13.8 seconds

(a) Who answered the question in the slowest time?

.....
(1)

(b) Work out the difference between Erin's time and Zinah's time.

.....
(1)

2. Work out $1.2 + 4.7 + 3.5$



.....
(2)

3. Work out



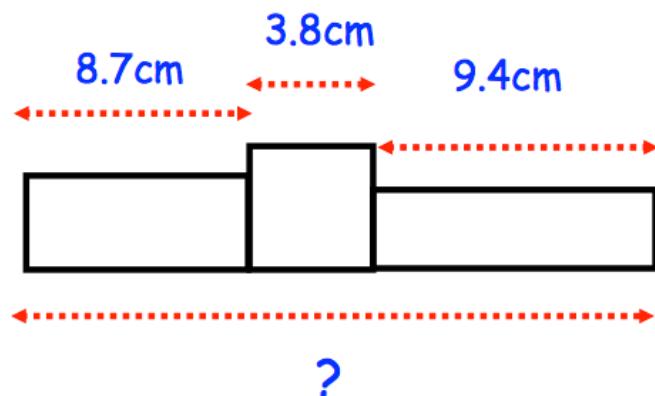
(a) $17.8 + 2.53$

.....
(1)

(b) $6.2 - 1.77$

.....
(1)

4. Three blocks are placed together as shown below.



Find the total length of the three blocks.

.....cm
(2)

5. (a) Work out $\text{£}7.85 + \text{£}1.42$



.....

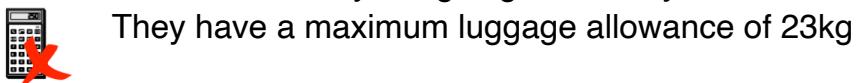
(2)

(a) Work out $\text{£}20.00 - \text{£}5.39$

.....

(2)

6. The Moore family are going on holiday.



They have a maximum luggage allowance of 23kg

When they arrive at the airport, their luggage weighs 16.7kg

How much under the maximum luggage allowance does their luggage weigh?

.....kg
(1)

7. Work out $4.2 - 1.35$



Circle the correct answer.

3.85

2.95

2.85

5.55

(1)

8. Work out



(a) $1.5 + 0.36 + 10.4$

(2)

(b) $9.2 - 1.34$

(2)

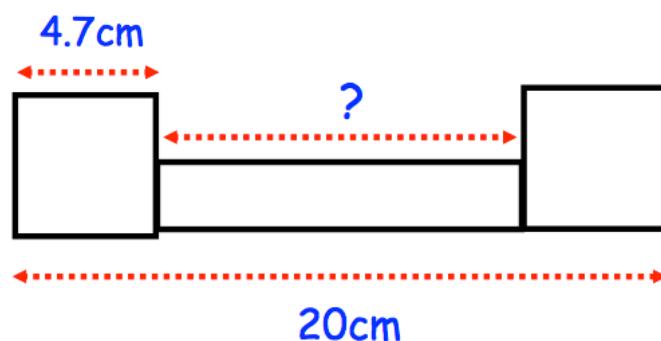
9. Write a number in the box to make the calculation correct.



$$34.2 + \boxed{} = 80$$

(1)

10. Two identical squares and a rectangle are drawn below.



Find the length of the rectangle.

.....cm
(3)

11. Here are five number cards.



1.21	4.95	3.89	2.5	7.05
------	------	------	-----	------

Fintan chooses two numbers and adds them together.
His answer is a whole number.

Which two number cards did Fintan choose?

.....and
(2)

12. Sebastian buys a gift which costs £18.20
 He pays with a £20 note.

(a) How much change does he receive?

.....
(1)

The change is given in the smallest number of coins.

(b) What coins does Sebastian receive?

.....
(1)

13. Add together 0.8, 0.113, 0.438 and 0.231


.....
(2)

14. Jacqui's basic pay is £14.65 per hour.
 On a Sunday she gets an extra £2.78 per hour.

Work out how much Jacqui is paid per hour on a Sunday.

£.....

(2)

15. Luke had £20 when he went shopping.



He bought

2 birthday cards at £2.70 each
1 toy at £6.50
1 book at £5.75

How much money did he have left after he bought these items.

£.....

(4)

16. Chloe has a 8 metre length of wire.



She cuts two pieces from the wire.
The first piece was 1.28 metres long.
The second piece was 0.65 metres long.

How much wire is left?

..... m
(3)

17. Peter is 1.64 metres tall.



Peter is 18 centimetres taller than Nick.

Work out Nick's height in metres.

..... m
(1)

18. Work out $582.7 + 48.6 - 9.08$



.....

(2)

19. Work out $25.3 - 8.94 + 5.7$



.....

(2)

20. Shown below is a rectangle.



5.3cm



2.6cm

Find the perimeter of the rectangle.

.....cm
(2)

21. Shown below is a rectangle with perimeter 15.2cm



X



2.4cm

Find the length of the rectangle.

.....cm
(3)