

Add two whole numbers with a total up to 20	Component 2	Entry 1.1
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Name

1 Work out

a) $5 + 2 = \dots\dots\dots$

b) $6 + 3 = \dots\dots\dots$

c) $5 + 5 = \dots\dots\dots$

d) $7 + 6 = \dots\dots\dots$

e) $9 + 4 = \dots\dots\dots$

f) $8 + 7 = \dots\dots\dots$

g) $11 + 2 = \dots\dots\dots$

h) $11 + 6 = \dots\dots\dots$

i) $12 + 7 = \dots\dots\dots$

j) $9 + 9 = \dots\dots\dots$

2 Kate has 9 computer games.

Jim has 6 computer games.

How many games do they have altogether?

3 What is sum of 2, 5 and 8?

4 Look at the counters.

5

3

6

8

9

a) Which two counters have a total of 14?

a) Which two counters have a total of 17?

5 Is this statement true or false?

$5 + 8 = 9 + 3$ true / false

Subtract one number up to 20 from another.

Component 2

Entry 1.2

Name

1 Work out

a) $5 - 1 = \dots\dots\dots$

b) $6 - 3 = \dots\dots\dots$

c) $8 - 0 = \dots\dots\dots$

d) $9 - 4 = \dots\dots\dots$

e) $10 - 5 = \dots\dots\dots$

f) $12 - 4 = \dots\dots\dots$

g) $14 - 6 = \dots\dots\dots$

h) $16 - 8 = \dots\dots\dots$

i) $18 - 7 = \dots\dots\dots$

j) $19 - 6 = \dots\dots\dots$

2 a) Subtract 7 from 15

b) Subtract 8 from 13

3 a) Work out the difference between 3 and 11

b) Work out the difference between 5 and 16

4 Ali has £19 and Jake has £8

How much more does Ali have than Jake?

5 Ria wants to raise £20 for charity.

Her sponsored walk raised £11

How much more does she need to get to £20?

6 What are you left with if you take 7 away from 17?

Understand and use the + and – signs to solve simple number problems.

Component 2

Entry 1.3

Name

1 Fill in the missing numbers.

a) $3 + \dots = 7$

b) $5 + \dots = 10$

c) $6 + \dots = 13$

d) $5 + \dots = 15$

e) $\dots + 8 = 13$

f) $\dots + 10 = 17$

g) $\dots + 9 = 16$

h) $\dots + 11 = 20$

2 Write the missing signs in the boxes.

Use + or -

a) $13 \square 4 = 17$

b) $11 \square 6 = 17$

c) $15 \square 4 = 11$

d) $10 \square 10 = 20$

3 Fill in the missing numbers.

a) $13 - \dots = 9$

b) $15 - \dots = 10$

c) $8 = 12 - \dots$

d) $6 = 14 - \dots$

e) $\dots - 3 = 5$

f) $\dots - 10 = 10$

4 Ed has 9 cards.

He gives 3 away and then buys 6 more.

How many cards does Ed have now?

.....

Add whole numbers with a total up to 100**Component 2****Entry 2.1**

Name

1 Work out

a) $32 + 5 =$

b) $43 + 7 =$

c) $57 + 7 =$

d) $67 + 9 =$

2 Work out

a) $30 + 20 =$

b) $40 + 50 =$

c) $40 + 60 =$

d) $70 + 20 =$

3 Work out

a)
$$\begin{array}{r} 43 \\ 15 \\ \hline \end{array} +$$

b)
$$\begin{array}{r} 51 \\ 27 \\ \hline \end{array} +$$

c)
$$\begin{array}{r} 36 \\ 45 \\ \hline \end{array} +$$

d)
$$\begin{array}{r} 49 \\ 44 \\ \hline \end{array} +$$

e)
$$\begin{array}{r} 67 \\ 29 \\ \hline \end{array} +$$

f)
$$\begin{array}{r} 55 \\ 38 \\ \hline \end{array} +$$

4 What is the total of 34, 15 and 36?

.....

.....

.....

.....

..

2.1		1.1	
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Subtract one number up to 100 from another.**Component 2****Entry 2.2**

Name

1 Work out

a) $36 - 5 =$

b) $58 - 6 =$

c) $63 - 5 =$

d) $72 - 9 =$

2 Work out

a) $60 - 20 =$

b) $70 - 30 =$

c) $90 - 70 =$

d) $80 - 50 =$

3 Work out

a)
$$\begin{array}{r} 48 \\ 15 \\ \hline \end{array} -$$

b)
$$\begin{array}{r} 56 \\ 24 \\ \hline \end{array} -$$

c)
$$\begin{array}{r} 63 \\ 45 \\ \hline \end{array} -$$

d)
$$\begin{array}{r} 72 \\ 47 \\ \hline \end{array} -$$

e)
$$\begin{array}{r} 84 \\ 48 \\ \hline \end{array} -$$

f)
$$\begin{array}{r} 95 \\ 67 \\ \hline \end{array} -$$

4 Work out the difference between 27 and 82?

.....

.....

.....

Multiply using single digit whole numbers.**Component 2****Entry 2.3**

Name

1 Work out

a) 3 lots of 3

b) 2 lots of 4

c) 4 lots of 5

d) 10 lots of 8

2 Work out

a) $2 \times 2 =$ b) $2 \times 5 =$ c) $7 \times 2 =$ d) $5 \times 10 =$ e) $10 \times 3 =$ f) $10 \times 4 =$

3 Fill in the missing numbers.

a) $7 + 7 + 7 = 3 \times \dots$

b) $5 + 5 + 5 + 5 = \dots \times 5$

c) $\dots + \dots + \dots + \dots + \dots = 5 \times 6$

d) $9 + 9 = \dots \times 9$

Use and interpret +, -, × and = in real-life situations to solve problems.**Component 2****Entry 2.4**

Name

1 Football cards are sold in packets of 5

Joel buys 6 packets.

How many cards does he buy?

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2 A film on the internet is 69 minutes long.

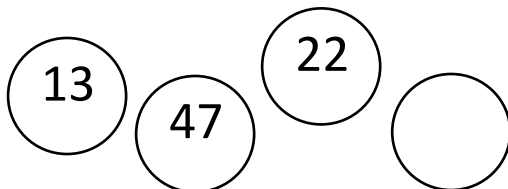
So far Ali has watched 43 minutes of the film.

How many minutes does she have left to watch?

.....

3 The counters have a total of 100

What is the value of the blank counter?



.....

4 Jake had some games to sell.
He sold 22 games and has 7 left.
How many games did he start with?

.....

5 Hari has 100 minutes of free calls each month on his phone contract.
He has used 42 minutes.
How many minutes does he have left?

.....

2.4		1.3	
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Recall and use multiplication facts for the 2, 5 and 10 multiplication tables

Component 2

Entry 2.5

Name

1 Shade in the answers in the grid.

a) 2×5

b) 2×7

c) 2×3

d) 2×6

e) 2×8

f) 2×10

16	2	7	6
8	10	18	11
15	4	9	20
12	17	14	3

2 Shade in the answers in the grid.

a) 5×2

b) 5×5

c) 5×3

d) 5×8

e) 5×7

f) 5×9

20	10	30	35
45	5	50	52
60	25	55	15
22	65	40	57

3 Complete the multiplication grid.

×	3	4	7	9
2				
5				
10				

4 Fill in the missing numbers.

a) $5 \times \dots = 10$

b) $10 \times \dots = 80$

c) $\dots \times 6 = 12$

d) $\dots \times 5 = 50$

Add and subtract using 3 digit numbers**Component 2****Entry 3.1**

Name

1 Work out

$$\begin{array}{r} \text{a) } 4 \ 4 \ 3 \\ 3 \ 1 \ 5 \ + \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \text{b) } 5 \ 5 \ 8 \\ 4 \ 2 \ 7 \ + \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \text{c) } 4 \ 4 \ 2 \\ 3 \ 7 \ 5 \ + \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \text{d) } 4 \ 8 \ 5 \\ 3 \ 2 \ 7 \ + \\ \hline \\ \hline \end{array}$$

2 Work out

$$\begin{array}{r} \text{a) } 4 \ 4 \ 6 \\ 2 \ 2 \ 3 \ - \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \text{b) } 5 \ 7 \ 4 \\ 4 \ 5 \ 3 \ - \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \text{c) } 6 \ 7 \ 2 \\ 3 \ 4 \ 5 \ - \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \text{d) } 8 \ 8 \ 5 \\ 3 \ 8 \ 7 \ - \\ \hline \\ \hline \end{array}$$

3 Work out

a) $465 + 448$

.....

b) $439 + 299$

.....

c) $643 - 332$

.....

d) $816 - 348$

.....

3.1		2.2		2.1		1.2		1.1	
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Multiply a two digit whole number by a single digit whole number**Component 2****Entry 3.2**

Name

1 Work out

a) $20 \times 4 = \dots\dots\dots$

b) $40 \times 5 = \dots\dots\dots$

c) $40 \times 6 = \dots\dots\dots$

d) $70 \times 7 = \dots\dots\dots$

2 a) $35 \times 4 = \dots\dots\dots$

b) $45 \times 8 = \dots\dots\dots$

c) $55 \times 6 = \dots\dots\dots$

d) $85 \times 3 = \dots\dots\dots$

3 Work out

a) $36 \times 5 = \dots\dots\dots$

b) $47 \times 4 = \dots\dots\dots$

c) $64 \times 3 = \dots\dots\dots$

d) $82 \times 8 = \dots\dots\dots$

3.2		2.3	
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Divide a two digit whole number by a single digit whole number**Component 2****Entry 3.3**

Name

1 Work out

a) $20 \div 4 = \dots\dots\dots$

b) $40 \div 5 = \dots\dots\dots$

c) $45 \div 5 = \dots\dots\dots$

d) $70 \div 10 = \dots\dots\dots$

e) $63 \div 3 = \dots\dots\dots$

f) $96 \div 4 = \dots\dots\dots$

2 What is the remainder when 50 is divided by 6?

.....

3 Stamps are sold in books of 6

Jen needs 28 stamps.

a) How many books will she need to buy?

b) How many spare stamps will she have left?

4 Fill in the missing numbers.

a) $\div 4 = 7$

b) $\div 8 = 9$

c) $\div 3 = 11$

d) $\div 5 = 15$

Use and interpret +, -, ×, ÷ and = in real-life situations for solving problems

Component 2

Entry 3.4

Name

1 Kyle collects models. He starts with 26 models.

For 3 weeks he buys 5 models each week.

How many models does Kyle have now?

.....
.....

2 Roz has 27 parcels to post. Each time she goes to the Post Office she can carry 7 parcels.

How many times will she need to go to the Post Office to post all of her parcels?

.....

3 At the start of the day there are 645 books in the library.

During the day 247 books are returned and 329 are taken out.

How many books are in the library at the end of the day?

.....
.....

4 Tom is aiming to raise £1000 for charity.

So far he has raised £634

He raises £234 more doing a sponsored run.

How much more does he need to reach his target of £1000?

.....
.....

5 Keri pays £156 for 10 computer games.

She sells each game for £22

How much profit has she made?

.....
.....

3.4		2.4		1.3	
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Use inverse operations to find missing numbers**Component 2****Entry 3.5**

Name

1 Fill in the missing numbers.

a) + 354 = 777

b) 342 + = 815

c) 725 - = 322

d) 825 - = 586

2 What number must be added to 295 to get a total of 736?

.....
.....

3 Fill in the missing numbers.

a) $\times 5 = 75$

b) $20 \times \dots\dots\dots = 120$

c) $45 \div \dots\dots\dots = 9$

d) $\times 4 = 64$

4 The difference between two numbers is 152

If the smaller of the two numbers is 243 what is the other number?

.....
.....

5 Fill in the missing numbers.

a) $534 + 432 - \dots\dots\dots = 550$

b) $342 + \dots\dots\dots - 123 = 500$

Estimate the answer to a calculation	Component 2	Entry 3.6
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Name

1 For each question, circle the calculation you would choose to estimate the answer.

a) **342 + 498**

300 + 400

300 + 500

400 + 400

b) **822 - 241**

800 - 200

900 - 200

800 - 300

c) **38 × 6**

40 × 6

30 × 6

40 × 7

2 Write down the calculation you would use to **estimate** the following.

a) 432 + 175 +

b) 692 + 105 +

c) 556 - 243 -

d) 729 - 455 -

3 For each question, circle the best **estimate**.

a) 78×10

800

640

560

b) $645 - 522$

100

200

300

c) $495 + 289$

600

700

800

4 Estimate the answer to $562 + 392$

Show your calculation.

..... + =

Name

1 Shade in the answers in the grid.

a) 3×3

b) 3×7

c) 3×5

d) 3×10

e) 3×0

f) 3×9

21	36	6	30
18	9	40	23
12	24	15	1
27	33	3	0

2 Shade in the answers in the grid.

a) 4×2

b) 4×5

c) 4×3

d) 4×1

e) 4×7

f) 4×8

32	8	34	44
16	0	12	14
24	28	36	40
30	48	20	4

3 Complete the multiplication grid.

×	5	6	8	10
3				
4				
8				

4 Fill in the missing numbers.

a) $8 \times \dots = 24$

b) $3 \times \dots = 21$

c) $\dots \times 9 = 72$

d) $\dots \times 9 = 36$