



Foundation Tier

Adding and Subtracting Integers and Decimals

Instructions

- Use **black** ink or ball-point pen.
- **Fill in the boxes** at the top of this page with your name, centre number and candidate number.
- Answer **all** questions.
- Answer the questions in the spaces provided – *there may be more space than you need.*
- You must **show all your working.**
- Diagrams are **NOT** accurately drawn, unless otherwise indicated.
- If your calculator does not have a π button, take the value of π to be 3.142 unless the question instructs otherwise.

Information

- The marks for **each** question are shown in brackets- *use this as a guide as to how much time to spend on each question.*

Advice

- Read each question carefully before you start to answer it.
 - Keep an eye on the time.
 - Try to answer every question.
 - Check your answers if you have time at the end.
-

1. Calculate $34 + 27$

$$\begin{array}{r} \\ 34 \\ + 27 \\ \hline 61 \end{array}$$

61

.....
(Total for Question 1 is 1 mark)

2. Calculate $603 - 187$

$$\begin{array}{r} \\ 603 \\ - 187 \\ \hline 416 \end{array}$$

416

.....
(Total for Question 2 is 1 mark)

3. Calculate $426 + 358$

$$\begin{array}{r} \\ 426 \\ + 358 \\ \hline 784 \end{array}$$

784

.....
(Total for Question 3 is 1 mark)

4. Calculate $503 - 87$

$$\begin{array}{r} 4 \cancel{5} \overset{9}{0} . 3 \\ - \quad 87 \\ \hline 416 \end{array}$$

.....
416

(Total for Question 4 is 1 mark)

5. Calculate $6.4 + 2.7$

$$\begin{array}{r} 6.4 \\ + 2.7 \\ \hline 9.1 \end{array}$$

.....
9.1

(Total for Question 5 is 1 mark)

6. Calculate $345 + 3.6$

$$\begin{array}{r} 345.0 \\ + \quad 3.6 \\ \hline 348.6 \end{array}$$

.....
348.6

(Total for Question 6 is 2 marks)

7. Calculate $700 - 4.8$

$$\begin{array}{r} \overset{6}{7} \overset{9}{0} \overset{9}{0} . 0 \\ - \quad \quad 4.8 \\ \hline 695.2 \end{array}$$

.....
695.2

(Total for Question 7 is 2 marks)

8. Calculate $134.6 + 27.85$

$$\begin{array}{r} \overset{1}{1} \overset{1}{3} \overset{1}{4} . 6 0 \\ + \quad \quad 27.85 \\ \hline 162.45 \end{array}$$

.....
162.45

(Total for Question 8 is 2 marks)

9. Calculate $508.2 - 93.47$

$$\begin{array}{r} \overset{4}{5} \overset{7}{0} \overset{11}{8} . 2 0 \\ - \quad \quad 93.47 \\ \hline 414.73 \end{array}$$

.....
414.73

(Total for Question 9 is 2 marks)

10. Calculate $300.2 - 68$

$$\begin{array}{r} \overset{2}{3} \overset{9}{00} . 2 \\ - 68 . 0 \\ \hline 232 . 2 \end{array}$$

.....
232.2

(Total for Question 10 is 2 marks)

11. Calculate $456.82 - 23.4$

$$\begin{array}{r} 456 . 82 \\ - 23 . 40 \\ \hline 433 . 42 \end{array}$$

.....
433.42

(Total for Question 11 is 2 marks)

12. Calculate $1172.5 + 184.02$

$$\begin{array}{r} \overset{1}{1} 172 . 50 \\ + 184 . 02 \\ \hline 1356 . 52 \end{array}$$

.....
1356.52

(Total for Question 12 is 2 marks)
