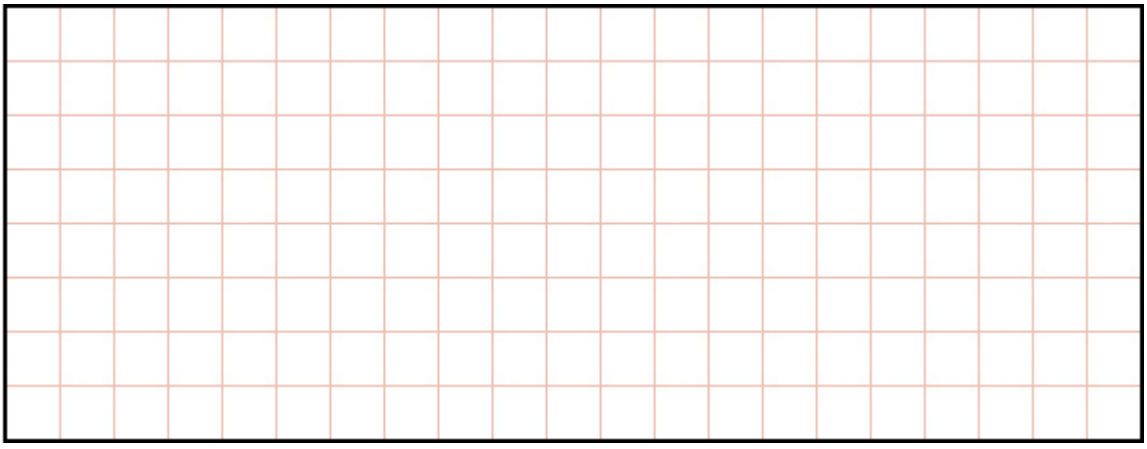
1.

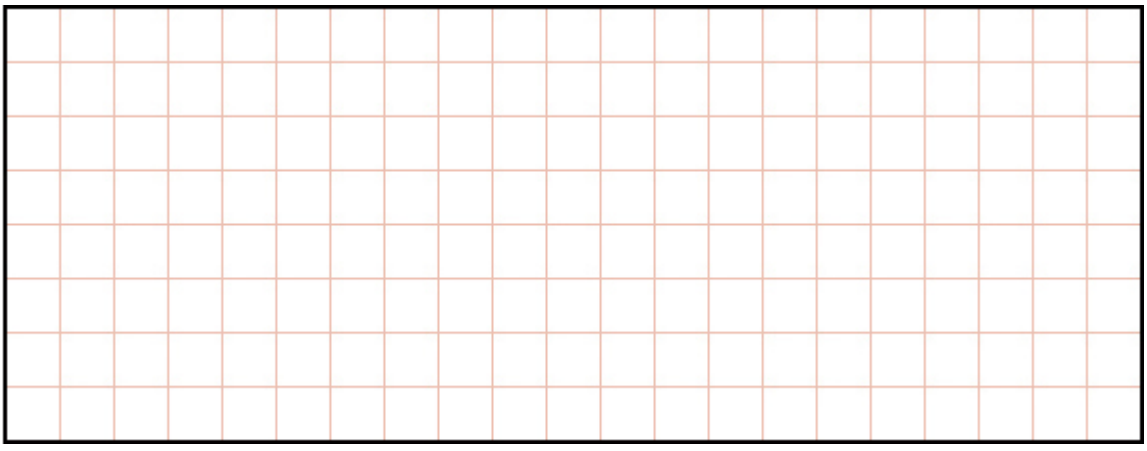
$\frac{4}{6} \times \frac{1}{8} =$ ☐



1 mark

2.

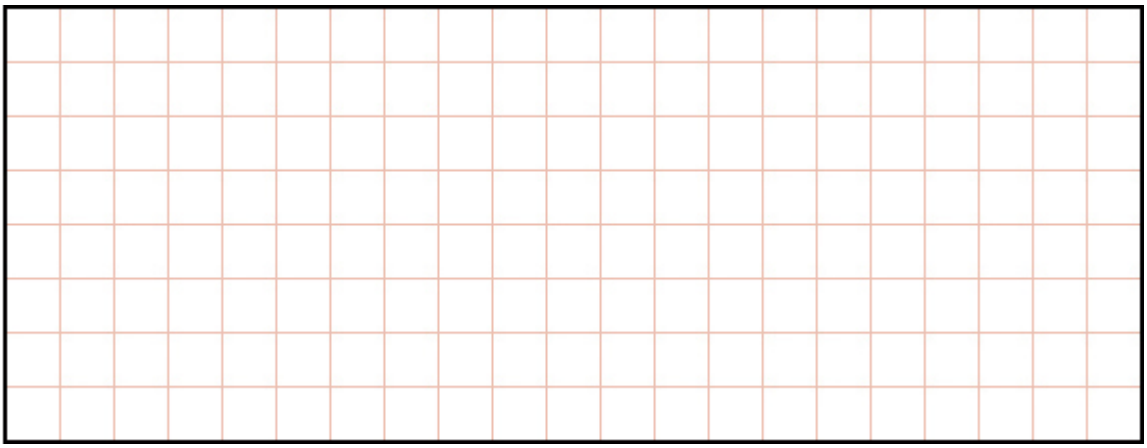
$\frac{5}{12} + \frac{1}{3} =$ ☐



1 mark

3.

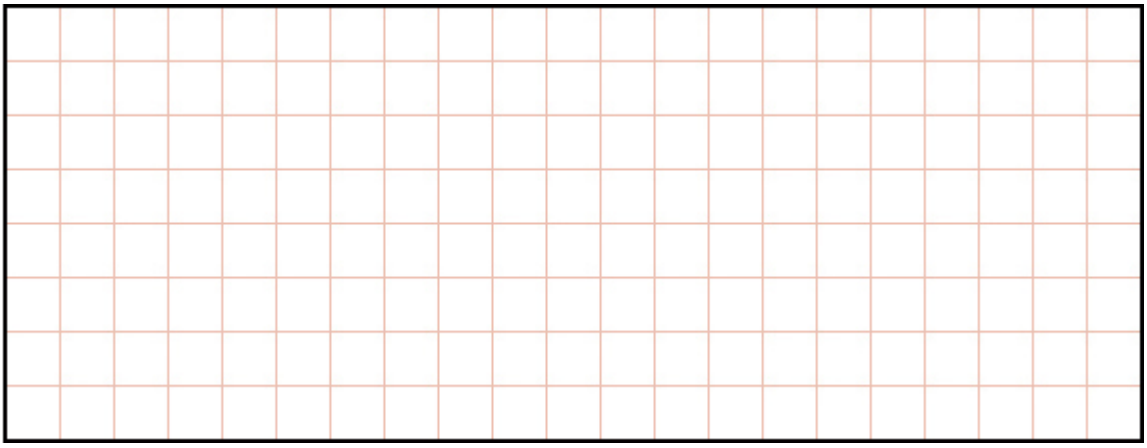
$15.5 \div 100 =$ ☐



1 mark

4.

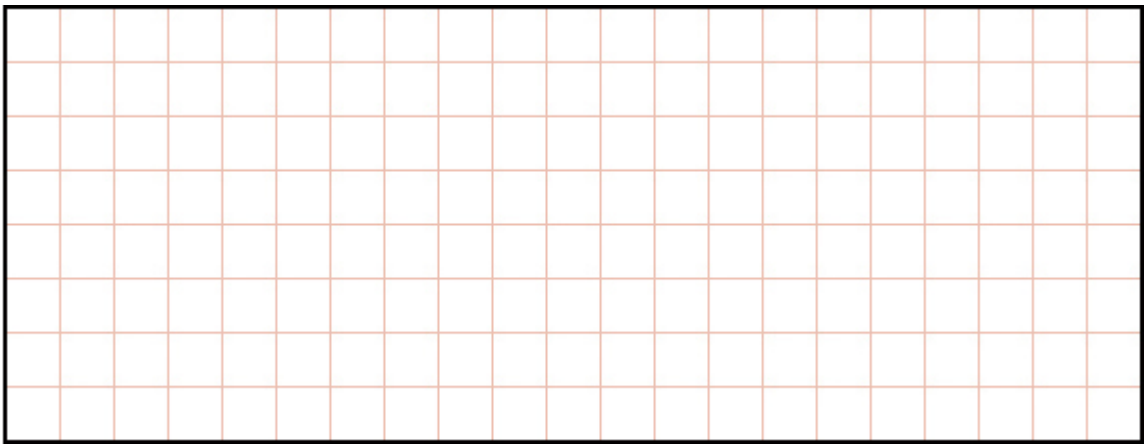
$\frac{6}{7} - \frac{11}{21} =$ ☐



1 mark

5.

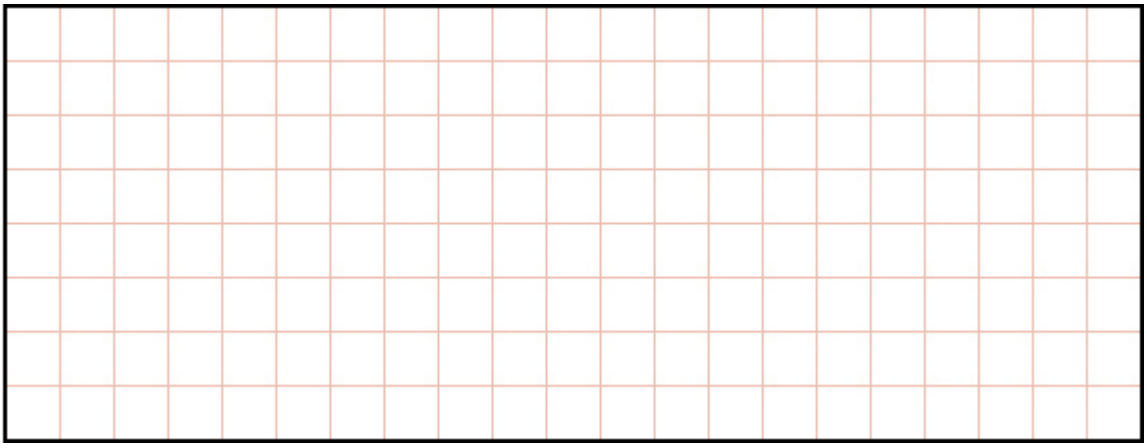
$2\frac{3}{8} - \frac{5}{8} =$ ☐



1 mark

6.

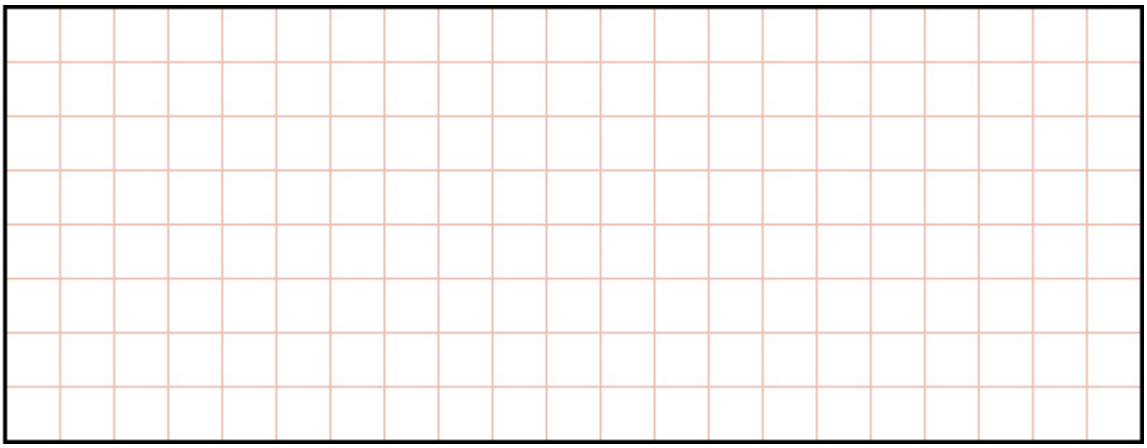
$0.7 \times 26 =$ ☐



1 mark

7.

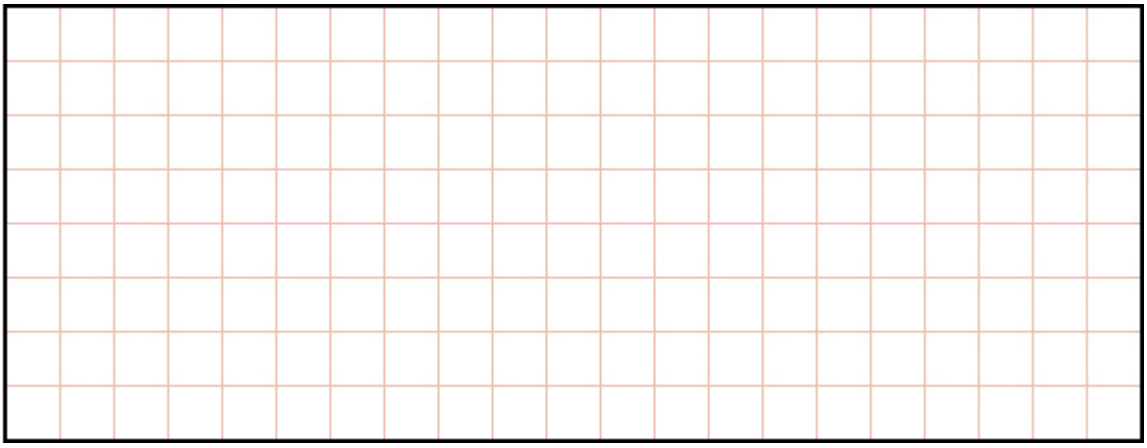
99% of 600 = ☐



1 mark

8.

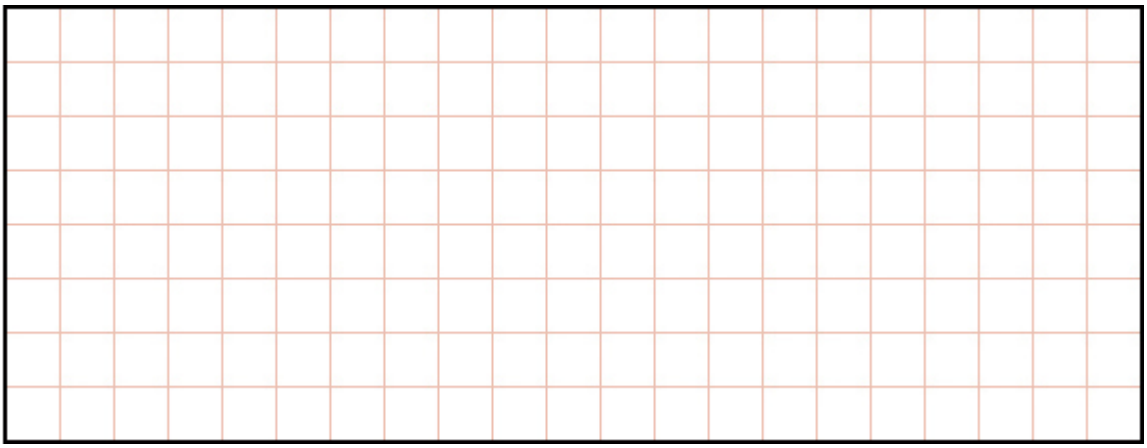
$\frac{1}{2} \div 3 =$ ☐



1 mark

9.

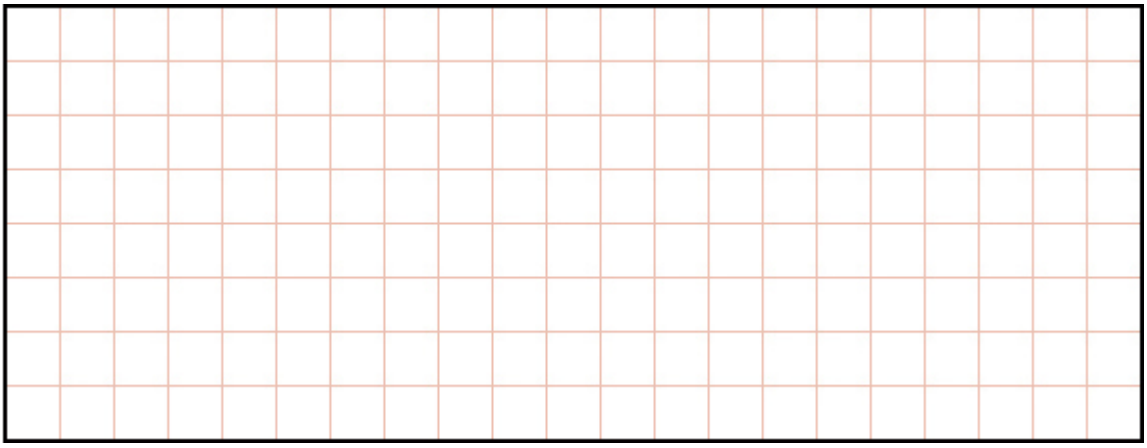
43% of 900 = ☐



1 mark

10.

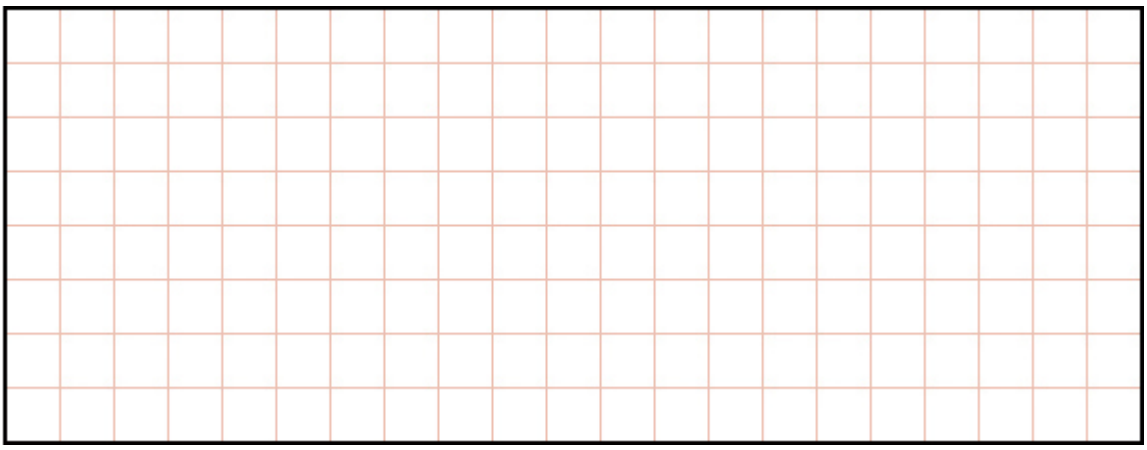
$2\frac{1}{6} - \frac{2}{3} =$ ☐



1 mark

11.

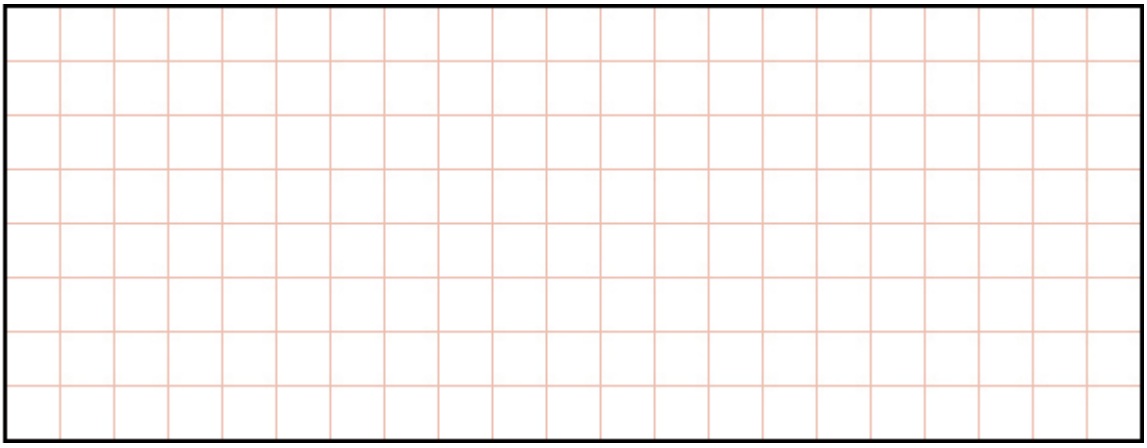
$1\frac{1}{4} \times 39 =$ ☐



1 mark

12.

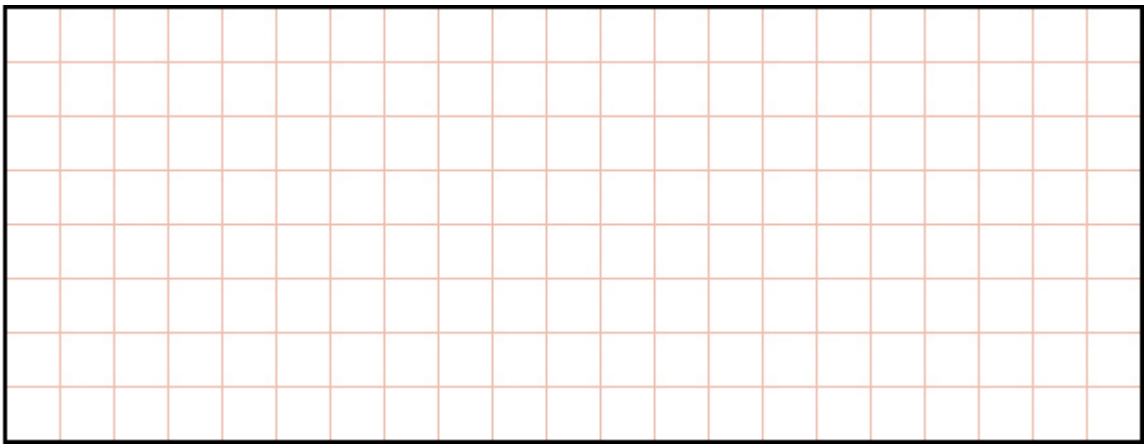
$7.8 + 6.953 =$ ☐



1 mark

13.

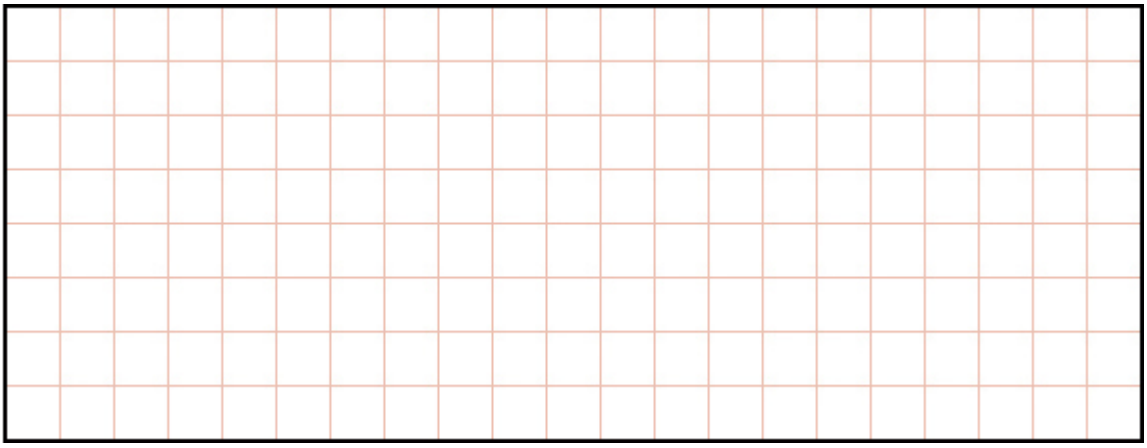
$\frac{2}{7} \times \frac{5}{9} =$ ☐



1 mark

14.

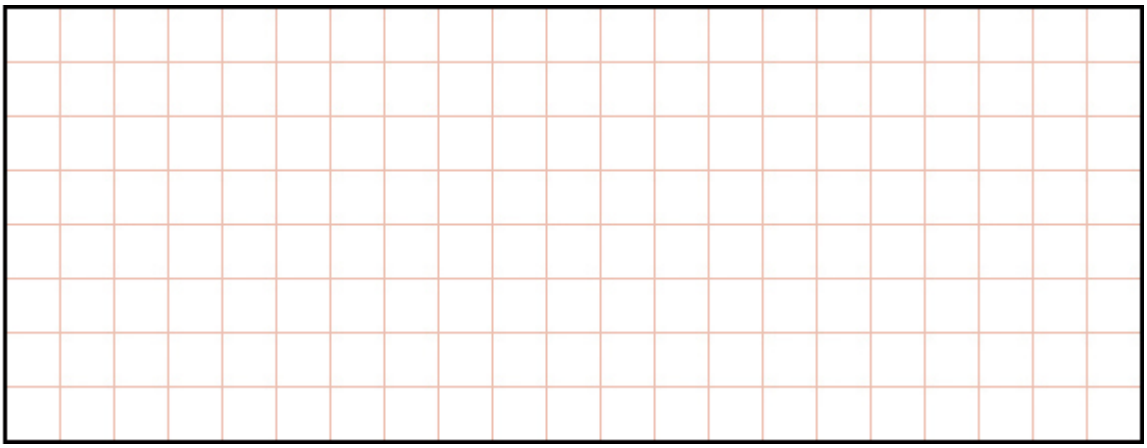
$\frac{3}{16} + \frac{5}{8} =$ ☐



1 mark

15.

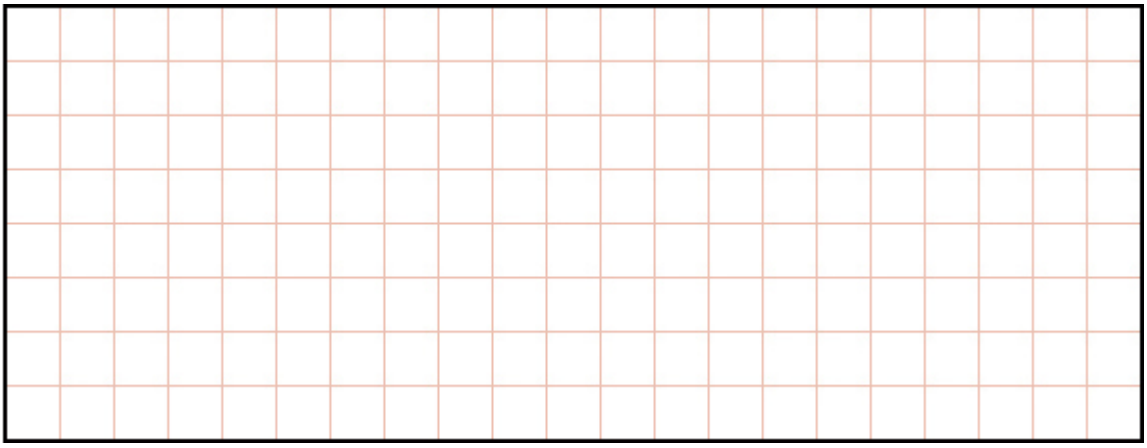
$\frac{1}{3} + \frac{2}{6} + \frac{5}{18} =$ ☐



1 mark

16.

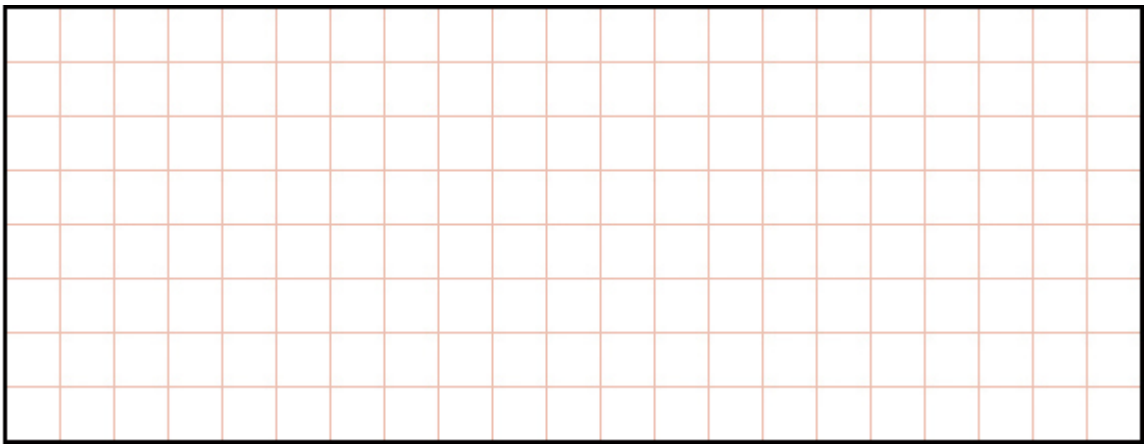
95% of 180 = ☐



1 mark

17.

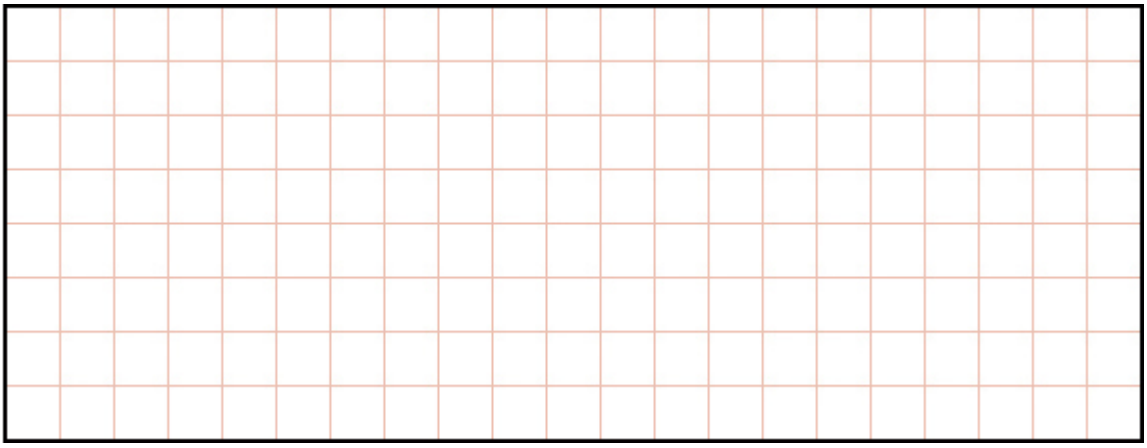
38% of 750 =



1 mark

18.

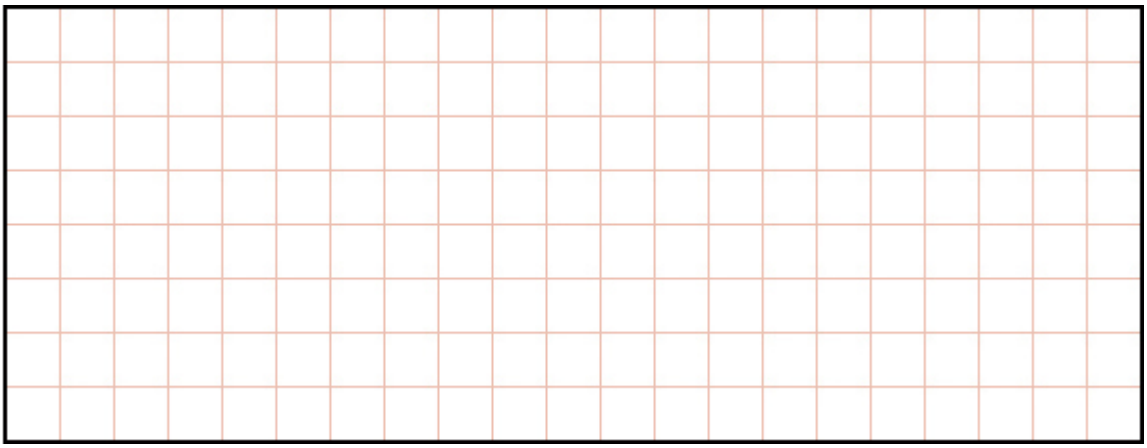
8 − 5.123 =



1 mark

19.

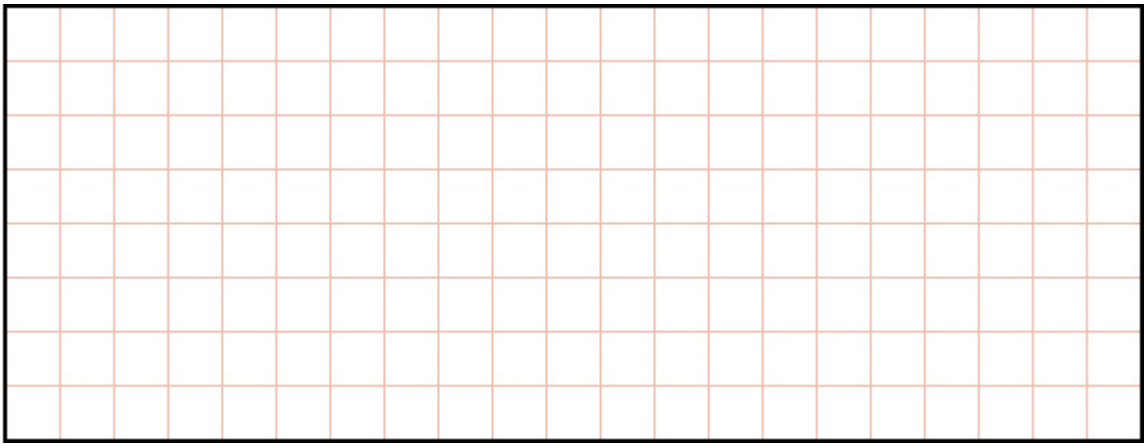
$26 - 2.012 =$ ☐



1 mark

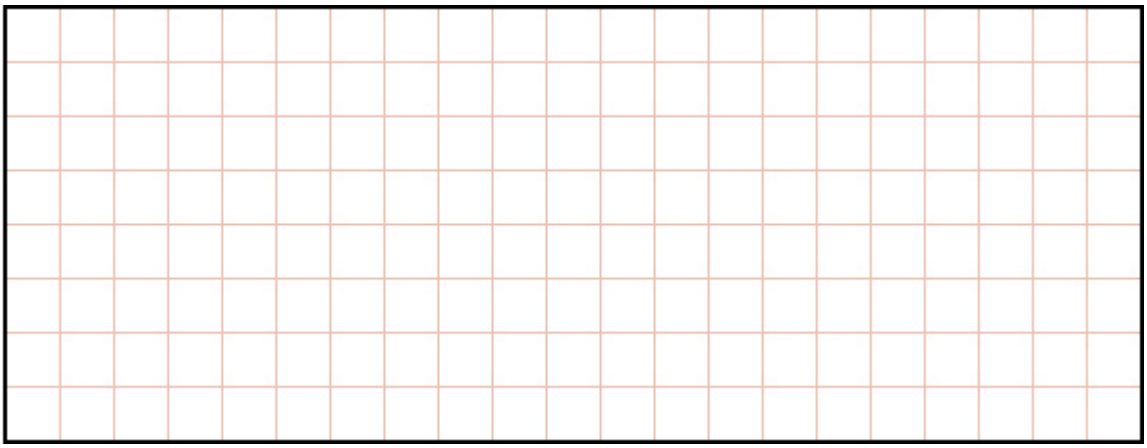
20.

80% of 115 = ☐



1 mark

21. 5.87 + 3.123 = ☐



1 mark

Mark schemes

1. $\frac{4}{48}$

*Accept equivalent fractions or the **exact** decimal equivalent, e.g.* $\frac{1}{12}$ or $0.08\dot{3}$ *or 0.083 (accept any unambiguous indication of the recurring digits).*

***Do not** accept rounded or truncated decimals.*

[1]

2. $\frac{9}{12}$

*Accept equivalent fractions or the **exact** decimal equivalent, e.g.* $\frac{3}{4}$ or 0.75

***Do not** accept rounded or truncated decimals.*

[1]

3. 0.155

[1]

4. $\frac{7}{21}$

*Accept equivalent fractions or the **exact** decimal equivalent, e.g.* $\frac{1}{3}$ or $0.3\dot{3}$

(accept any unambiguous indication of the recurring digits).

***Do not** accept rounded or truncated decimals.*

[1]

5. $1\frac{3}{4}$

OR

$\frac{7}{4}$

Accept equivalent mixed numbers, fractions or the exact decimal equivalent, i.e. 1.75

***Do not** accept rounded or truncated decimals.*

[1]

6. 18.2

[1]

7. 594

***Do not** accept 594%*

[1]

8. $\frac{1}{6}$

Accept equivalent fractions or the exact decimal equivalent, i.e. $0.1\dot{6}$ *(accept any unambiguous indication of the recurring digits).*

Do not *accept rounded or truncated decimals.*

[1]

9. 387

Do not *accept 387%*

[1]

10. $1\frac{1}{2}$

OR

$\frac{3}{2}$

Accept equivalent mixed numbers, fractions or the ***exact*** *decimal equivalent, i.e. 1.5*

Do not *accept rounded or truncated decimals.*

[1]

11. $48\frac{3}{4}$

OR

$\frac{195}{4}$

Accept equivalent mixed numbers, fractions or the ***exact*** *decimal equivalent, i.e. 48.75*

Do not *accept rounded or truncated decimals.*

[1]

12. 14.753

[1]

13. $\frac{10}{63}$

Accept equivalent fractions or the ***exact*** *decimal equivalent, e.g. 0.158730 (accept any unambiguous indication of the recurring digits).*

Do not *accept rounded or truncated decimals.*

[1]

14. $\frac{13}{16}$

*Accept equivalent fractions or the **exact** decimal equivalent, e.g. 0.8125*

***Do not** accept rounded or truncated decimals.*

[1]

15. $\frac{17}{18}$

*Accept equivalent fractions or the **exact** decimal equivalent, e.g. 0.94 (accept any unambiguous indication of the recurring digits).*

***Do not** accept rounded or truncated decimals.*

[1]

16. 171

***Do not** accept 171%*

[1]

17. 285

***Do not** accept 285%*

[1]

18. 2.877

[1]

19. 23.988

[1]

20. 92

***Do not** accept 92%*

[1]

21. 8.993

[1]