

Year 4: The 3, 6, 9 and 12 times tables: answers

Year 4 - Times Tables - Lesson 3.3

Answers. Final answers to the worksheet questions. Full step-by-step solutions for every question are free at websink.site/ks2-sats/maths/year-4/ch03-times-tables/the-3-6-9-and-12-times-tables/

Exercise 3C The 3, 6, 9 and 12 times tables Non-calculator

1 Quick-fire! The 3 times table. Double and add one more.

(a) $3 \times 4 =$

Answer: 12

(b) $3 \times 6 =$

Answer: 18

(c) $7 \times 3 =$

Answer: 21

(d) $3 \times 9 =$

Answer: 27

(e) $3 \times 11 =$

Answer: 33

(f) $12 \times 3 =$

Answer: 36

(g) $3 \times 8 =$

Answer: 24

(h) $5 \times 3 =$

Answer: 15

(i) $3 \times 10 =$

Answer: 30

(j) $3 \times 12 =$

Answer: 36

2 Quick-fire! The 6 times table.

(a) $6 \times 4 =$

Answer: 24

(b) $6 \times 6 =$

Answer: 36

(c) $7 \times 6 =$

Answer: 42

(d) $6 \times 9 =$

Answer: 54

(e) $6 \times 11 =$

Answer: 66

(f) $12 \times 6 =$

Answer: 72

(g) $8 \times 6 =$

Answer: 48

(h) $6 \times 5 =$

Answer: 30

(i) $6 \times 10 =$

Answer: 60

(j) $6 \times 3 =$

Answer: 18

3 Quick-fire! The 9 times table. Use $\times 10$ and take away.

(a) $9 \times 3 =$

Answer: 27

(b) $9 \times 6 =$

Answer: 54

(c) $7 \times 9 =$

Answer: 63

(d) $9 \times 9 =$

Answer: 81

(e) $9 \times 11 =$

Answer: 99

(f) $12 \times 9 =$

Answer: 108

(g) $9 \times 8 =$

Answer: 72

(h) $5 \times 9 =$

Answer: 45

(i) $9 \times 10 =$

Answer: 90

(j) $9 \times 4 =$

Answer: 36

4 Quick-fire! The 12 times table. Use $\times 10$ and $\times 2$.

(a) $12 \times 3 =$

Answer: 36

(b) $12 \times 6 =$

Answer: 72

(c) $7 \times 12 =$

Answer: 84

(d) $12 \times 9 =$

Answer: 108

(e) $12 \times 11 =$

Answer: 132

(f) $12 \times 12 =$

Answer: 144

(g) $8 \times 12 =$

Answer: 96

(h) $12 \times 4 =$

Answer: 48

5 Mixed quick-fire!

(a) $3 \times 7 =$

Answer: 21

(b) $6 \times 8 =$

Answer: 48

(c) $9 \times 7 =$

Answer: 63

(d) $12 \times 8 =$

Answer: 96

(e) $3 \times 12 =$

Answer: 36

(f) $6 \times 6 =$

Answer: 36

(g) $9 \times 5 =$

Answer: 45

(h) $12 \times 10 =$

Answer: 120

(i) $7 \times 6 =$

Answer: 42

(j) $11 \times 9 =$

Answer: 99

(k) $4 \times 12 =$

Answer: 48

(l) $8 \times 3 =$

Answer: 24

6 Find the missing number in each sum.

(a) $3 \times \boxed{?} = 27$

Answer: 9

(b) $\boxed{?} \times 6 = 48$

Answer: 8

(c) $9 \times \boxed{?} = 72$

Answer: 8

(d) $\boxed{?} \times 12 = 96$

Answer: 8

(e) $6 \times \boxed{?} = 54$

Answer: 9

(f) $\boxed{?} \times 3 = 33$

Answer: 11

7 Use the finger trick to work out each answer.

(a) 9×4

Answer: 36

(b) 9×6

Answer: 54

(c) 9×8

Answer: 72

(d) 9×9

Answer: 81

8 Write the missing numbers in the 9 times table. 9, 18, 27, ?, 45, ?, 63, ?, 81, 90

Answer: 36, 54, 72

9 Is each number in the 9 times table? Add the digits to find out. Write Yes or No.

(a) 45

Answer: Yes

(b) 54

Answer: Yes

(c) 62

Answer: No

(d) 72

Answer: Yes

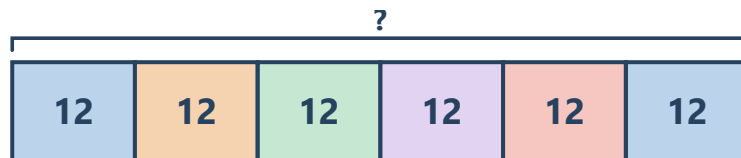
(e) 85

Answer: No

(f) 36

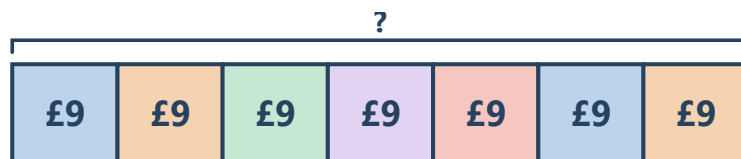
Answer: Yes

10 A box has a dozen eggs. A shop has 6 boxes. How many eggs is that?



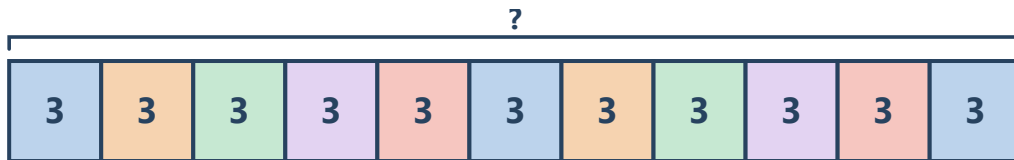
Answer: 72

11 A concert ticket costs £9. A family buys 7 tickets. How much do the tickets cost altogether?



Answer: £63

12 A tricycle has 3 wheels. There are 11 tricycles in a playground. How many wheels is that altogether?



Answer: 33

- 13** Aisha works out 9×6 like this: " $10 \times 6 = 60$. $60 - 9 = 51$." Her answer is wrong. What mistake did she make? What is the correct answer?

Answer: She took away 9 instead of 6. $9 \times 6 = 54$.

- 14** Tom says, "Every answer in the 6 times table is an even number." Prove it.

Answer: Yes. Every answer in the 6 times table is a double, so it is even.

- 15** Which one is the odd one out? Explain. 18 27 36 40 45

Answer: 40

- 16** I am in the 3 times table and in the 4 times table. I am between 20 and 30. What number am I?

Answer: 24