

Algebra

1. $n = 24$
What is $3n - 15$?

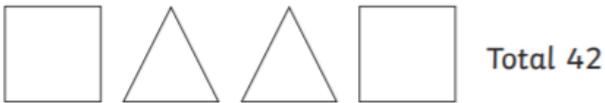


2. $28 - 3t = 10$
Work out the value of t .

$t =$



3. Each shape represents a number.



Work out the value of each shape.

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4. A plumber charges the following for any work done.

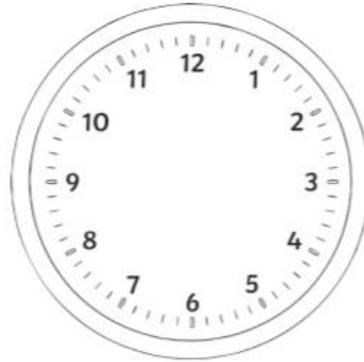
call-out charge = £15

hourly rate = £21

Write a formula to explain what the plumber will charge for any number of hours work.



5. Draw the hands on this clock to show the time on this digital clock.



6. A film is 132 minutes long. It starts at 14:50. What time will it finish?



7. This clock is 17 minutes slow. What is the correct time?



Money

8. 5 apples cost £1.45. 

3 apples and 2 bananas cost £1.13. 

What is the cost of one banana? Show your method.

9. A box of 6 pencils costs £1.20.



A pack of 4 rubbers costs 48p.



How much more does one pencil cost than one rubber? Show your method.

10. Robert buys 4 packets of crisps.



He pays with a £5 note. This is his change.



What is the cost of one packet of crisps? Show your method.