



TASK TITLE

Algebra challenge

Week Beginning

4th May 2020

INSTRUCTIONS

Class

Year 6

Try to complete this Algebra challenge. You could try timing yourself and seeing how many you right. Complete these and then check them against the answers, which I will post separately.

You will need this information for it all: $a = 4$ $b = 10$ $c = 7$ $d = 5$

QUESTIONS

1) $a + b$

14

11) $\frac{1}{4}$ of ad

10

2) $c - d$

2

12) $\frac{3}{8}$ of ab

15

3) $a + c + d$

19

13) $abcd$

1400

4) $(b - d) + a$

9

14) Find the mean of a , b , c and d

6.5

5) ab

40

15) $b - c + a$ bodmas

-1

6) cd

70

16) What is the range between ab and cd

5

7) Square b and add c

107

17) $-d + ab$

35

8) Cube c

343

18) $-bc - a$

-74

9) abc

280

19) abc/d

56

10) b/d ($/$ = divided by)

2

20) adc/b

14