Order of operations (BIDMAS)

MATHS·SCHOOL

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Name:

Calculate:

a) 4 + 7 x 3 — **25**

b) 40 ÷ (2 + 6) — **5**

c) 3 x (5 − 3) — **6**

d) 2 + 3 x 9 − 3 — **26**

e) 20 − 6 x 8 ÷ 3 — **4**

f) 12 ÷ 3 + 8 x 2 — **20**

g) 4 + (5 − 1) x 7 — **32**

h) 5 x (1 + 4)² — **30**

i) (4² − 3) ÷ 10 — **1.3**

j) 5 + 4 x 9 ÷ 3 — **17**

Here are five number cards: **2 4 5 7 9**

k) Use three of the cards above to complete the following.

$$\boxed{4} + \boxed{5} \times \boxed{9} = \boxed{39}$$

l) Use four of the cards above to complete the following.

$$\boxed{7} \times \boxed{9} - \boxed{5} \times \boxed{4} = \boxed{43}$$

Make the calculations below correct by inserting symbols +, −, ×, ÷ as appropriate:

m)   5 **×** 2 **+** 4 **+** 6   = 20

n)   5 **−** 1 **+** 6 **×** 3   = 22

o)   3 **+** 7 **+** 2 **×** 5   = 20

p)   8 **×** 4 **−** 5 **×** 6   = 2

Add brackets to the following calculations to make them correct:

q)   **(** 5 + 2 **)** x 3 − 7   =   14

r)   5 + 2   x **(** 7 − 3 **)** =   13

s)   **(** 5 − 2 **)** x 3 + 7   =   16

t)   **(** 5 − 2 **)** x **(** 3 + 7 **)** =   30

Exam style question:

Tom says 5×2^2 is 100.

Penny says 5×2^2 is 20.

Who is correct? Give a reason for your answer

Penny as you square the two first