MATHS- 22.01.21

1 Whitney is working out 49 ÷ 4 using a place value chart.

Tens	Ones
10	1 1
10	1 1
10	1 1
10	1 1

1

a) Talk about Whitney's method with a partner.

b) Why is there one counter left over?

_____

_____

c) Complete the division.

49 ÷ 4 = ☐

d) Use place value counters to complete the divisions.

50 ÷ 4 = ☐ 51 ÷ 4 = ☐

What do you notice?

2 Complete the divisions.

a) 47 ÷ 3 = ☐ e) 49 ÷ 6 = ☐

b) 26 ÷ 5 = ☐ f) 47 ÷ 4 = ☐

c) 89 ÷ 4 = ☐ g) 74 ÷ 3 = ☐

d) 32 ÷ 5 = ☐ h) 81 ÷ 7 = ☐

3 Complete the divisions.

a) 36 ÷ 4 = ☐ c) 45 ÷ 3 = ☐

37 ÷ 4 = ☐ 46 ÷ 3 = ☐

38 ÷ 4 = ☐ 47 ÷ 3 = ☐

39 ÷ 4 = ☐ 48 ÷ 3 = ☐

40 ÷ 4 = ☐ 49 ÷ 3 = ☐

b) 70 ÷ 5 = ☐ d) 92 ÷ 4 = ☐

71 ÷ 5 = ☐ 91 ÷ 4 = ☐

72 ÷ 5 = ☐ 90 ÷ 4 = ☐

73 ÷ 5 = ☐ 89 ÷ 4 = ☐

74 ÷ 5 = ☐ 88 ÷ 4 = ☐

4 Dora has been working out some divisions.

72 ÷ 4 = 18
73 ÷ 4 = 18 r1
74 ÷ 4 = 18 r2
75 ÷ 4 = 18 r3

I know without working it out that 76 ÷ 4 must be 18 r4

a) Why does Dora think this?

_____

_____

b) Explain why Dora is wrong.

_____

_____

6 Jack has these bulbs.


Daffodils 49


Tulips 63


Crocuses 98

Equal numbers of each bulb are put into 4 tubs.

How many of each bulb will be in each tub?

Daffodils ☐ Tulips ☐ Crocuses ☐

How many of each bulb will be left over?

Daffodils ☐ Tulips ☐ Crocuses ☐

How many tubs could Jack use so that there are no bulbs left over?

Star Challenge