MULTIPLICATIVE THINKING – SET 4

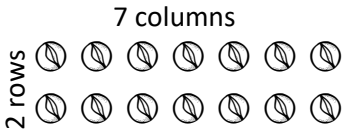
A *Knows 1,2,5 and 10s times tables*
(learning 3 and 4 times tables + more)

2 x 6 = 12
8 x 5 = 40
1 x 9 = 9
3 x 10 = 30

B *Can reverse known times tables.*

4 x 10 = 40
10 x 4 = 40
5 x 9 = 35
9 x 5 = 35

C *Use known multiplication facts to solve problems*



2 rows x 7 columns
2 x 7 = 14

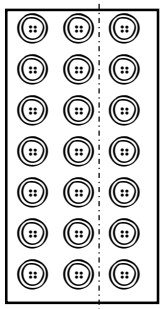
5 groups of 8
5 x 8 = 40

D *Solve division problems using known multiplication.*

15 ÷ 5 =
5 x 3 = 15
15 ÷ 3 = 5

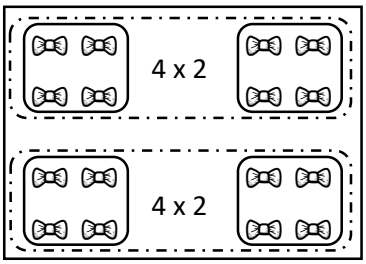
8 ÷ 2=
2 x 4 = 8
8 ÷ 2 = 4

E *Use known multiplication facts to derive unknown ones*



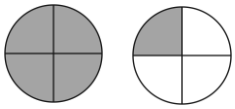
7 x 3 =
7 x 2 = 14
7 x 1 = 7
14 + 7 = 21

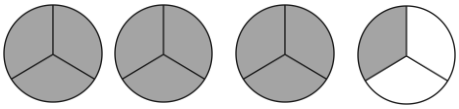
F *Solve division problems using trial and error with different size groups.*



16 ÷ 4 = ?
4 x 2 = 8
4 x 2 = 8
8 + 8 = 16
4 x 4 = 16
16 ÷ 4 = 4

G *Can read and draw and interpret simple mixed fractions and improper fractions.*

$1\frac{1}{4}$ =  = $\frac{5}{4}$

$3\frac{1}{3}$ =  = $\frac{10}{3}$

I *Can multiply mixed numbers using times tables to derive unknown ones*

4 ½ x 2
4 x 2 = 8
½ x 2 = 1
8 + 1 = 9
4 ½ x 2 = 9

J *Can divide mixed numbers using division facts to derive unknown ones*

7 ÷ 3 =
2 x 3 = 6
7 - 6 = 1
1 split in 3 = 1/3
2 + 1/3 = 2 1/3
7 ÷ 3 = 2 1/3

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