Hampshire Mathematics Team
Multiplication templates

One, ten, five derive…

8x Table

Multiplication and Division Facts

8

8+8=

8+8+8=

8+8+8+8=

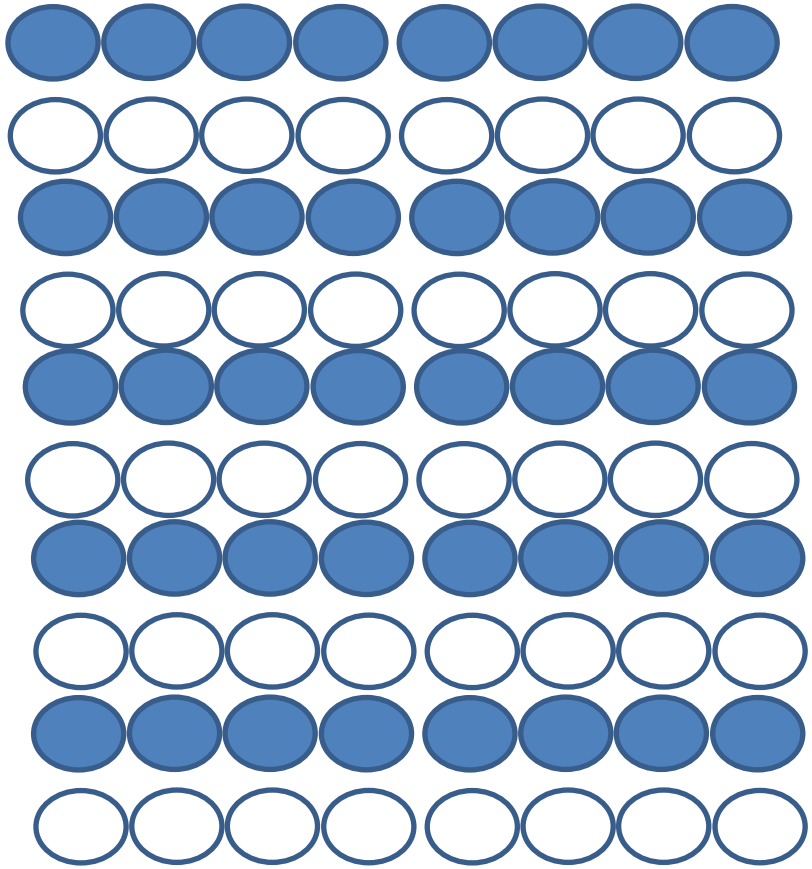
8+8+8+8+8=

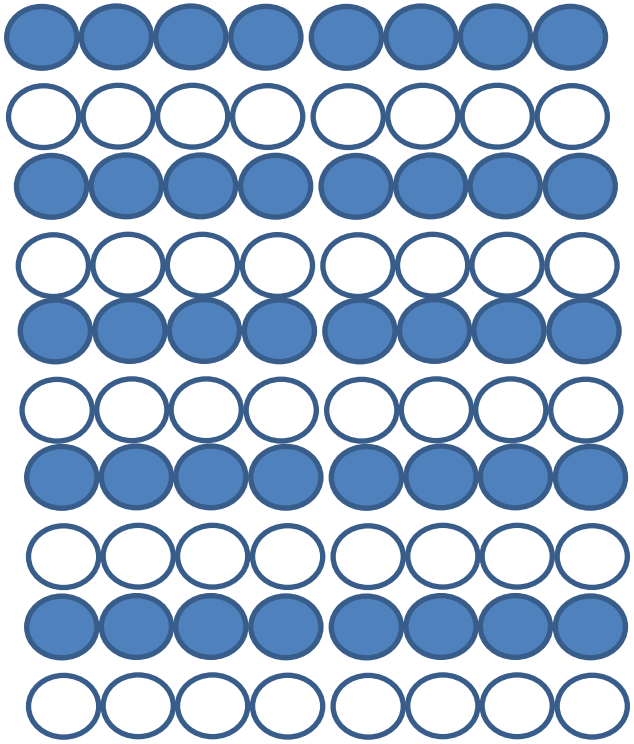
8+8+8+8+8+8=

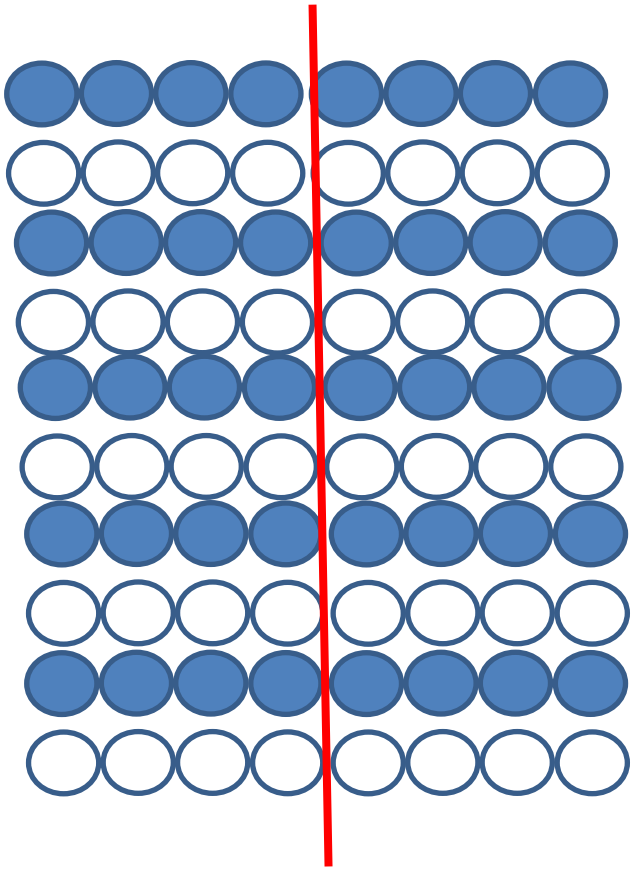
8+8+8+8+8+8+8=

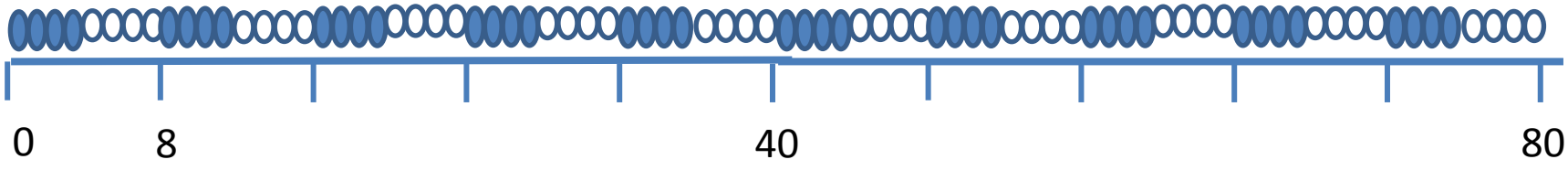
8+8+8+8+8+8+8+8=

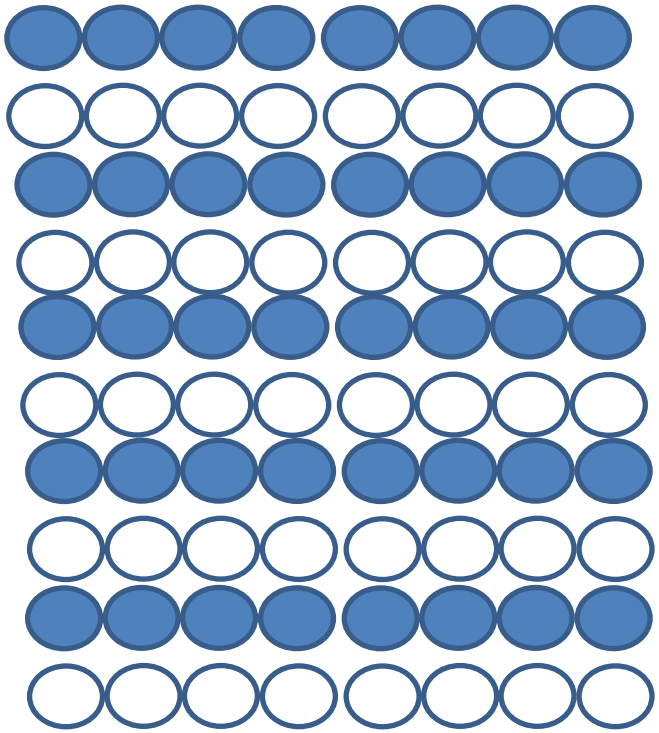
8+8+8+8+8+8+8+8+8=

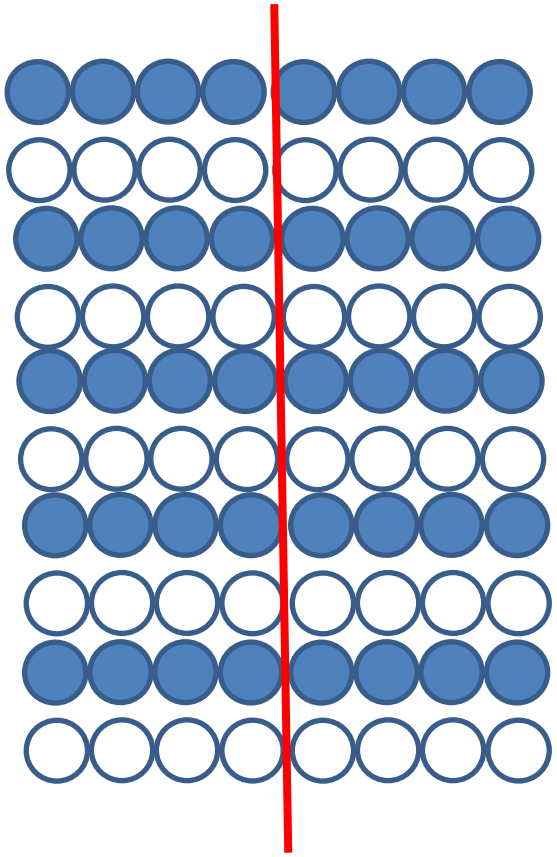







0
8
40
80





8 X1=

8 X2=

8 X3=

8 X4=

8 X5=

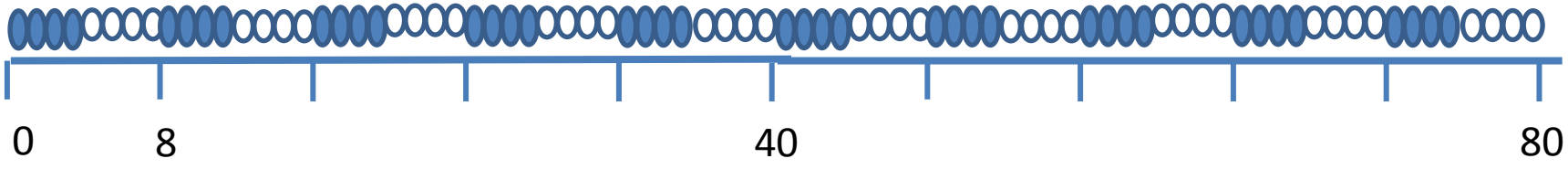
8 X6=

8 X7=

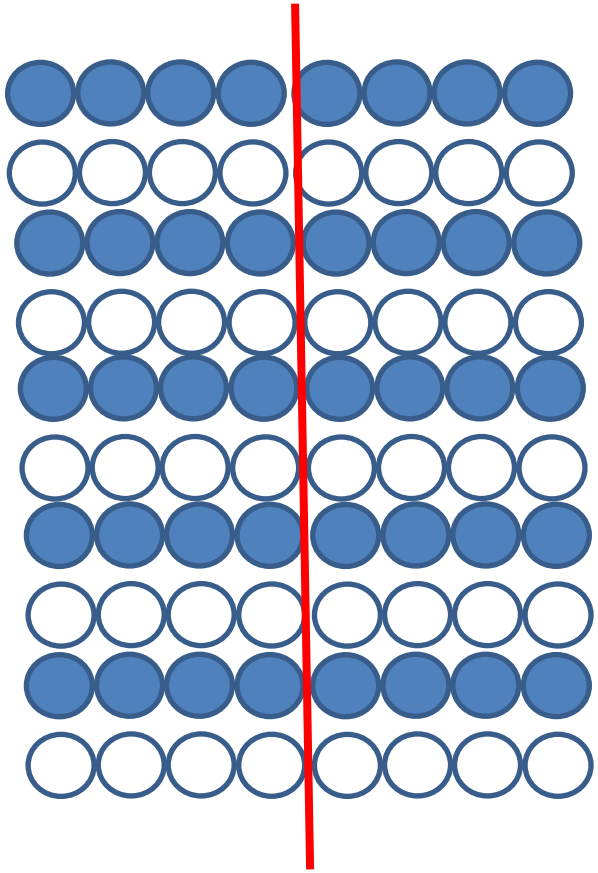
8 X8=

8X9=

8 X10=



Counting in 8s, Multiples of 8



8

8+8=

8+8+8=

8+8+8+8=

8+8+8+8+8=

8+8+8+8+8+8=

8+8+8+8+8+8+8=

8+8+8+8+8+8+8+8=

8+8+8+8+8+8+8+8+8=

8+8+8+8+8+8+8+8+8+8=

8 X1=

8 X2=

8 X3=

8 X4=

8 X5=

8 X6=

8 X7=

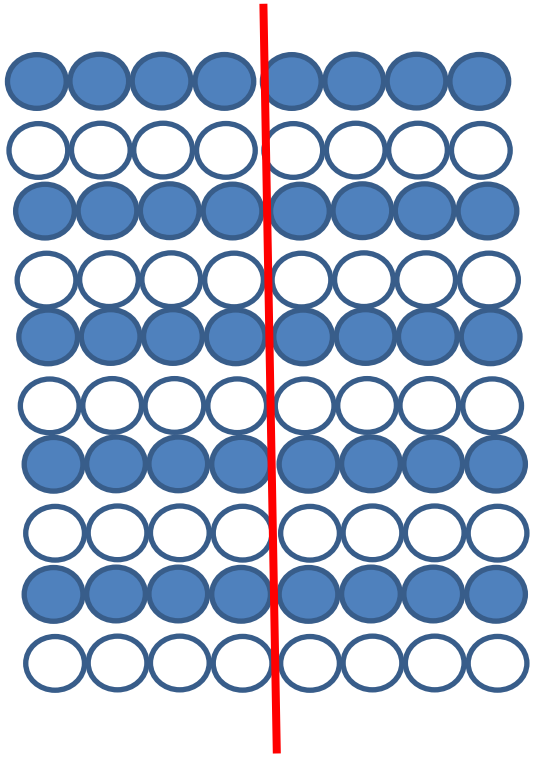
8 X8=

8X9=

8 X10=

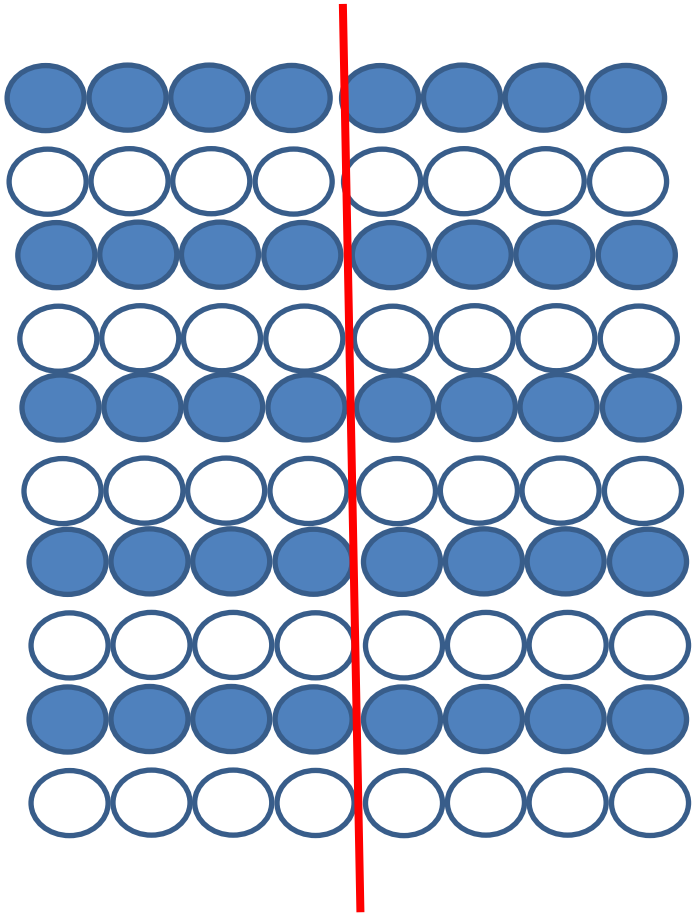
Multiples of 8

What is your favourite order for working out these linked facts?



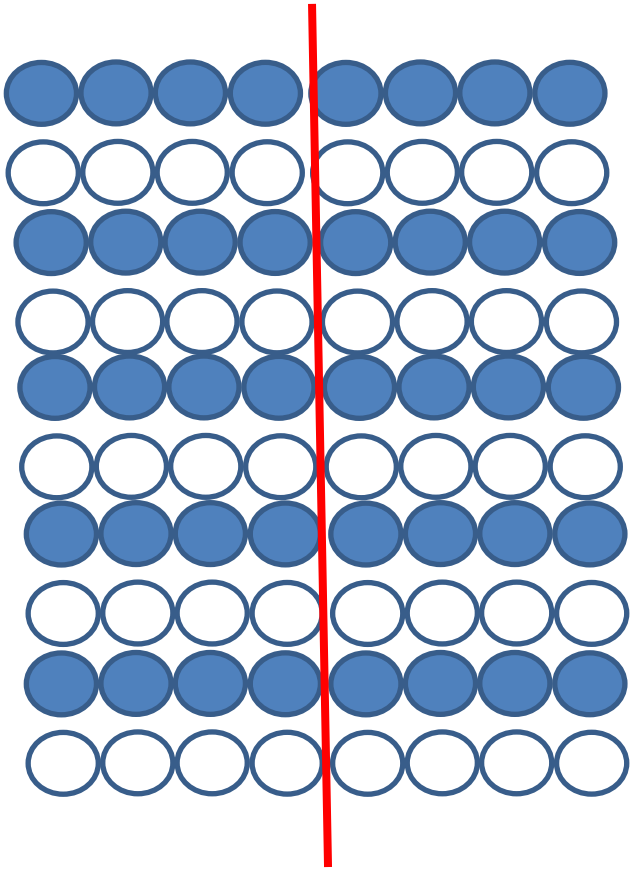
8 X1=
8 X2=
8 X3=
8 X4=
8 X5=
8 X6=
8 X7=
8 X8=
8X9=
8 X10=

How many groups of 8 in multiples of 8…?



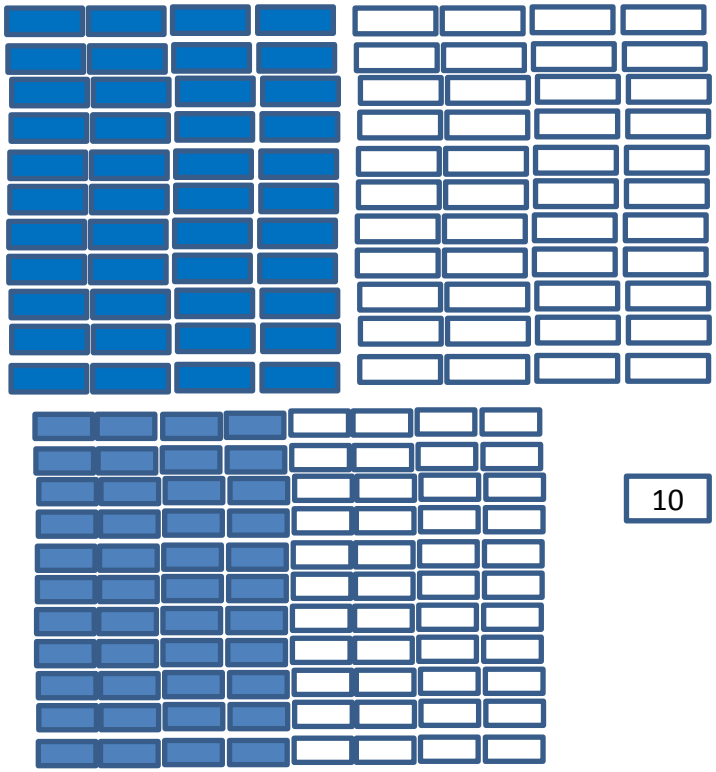
8	8 ÷ 8 =
16	16 ÷ 8 =
24	24 ÷ 8 =
32	32 ÷ 8 =
40	40 ÷ 8 =
48	48 ÷ 8 =
56	56 ÷ 8 =
64	64 ÷ 8 =
72	72 ÷ 8 =
80	80 ÷ 8 =

How many groups of 8 in any number…?

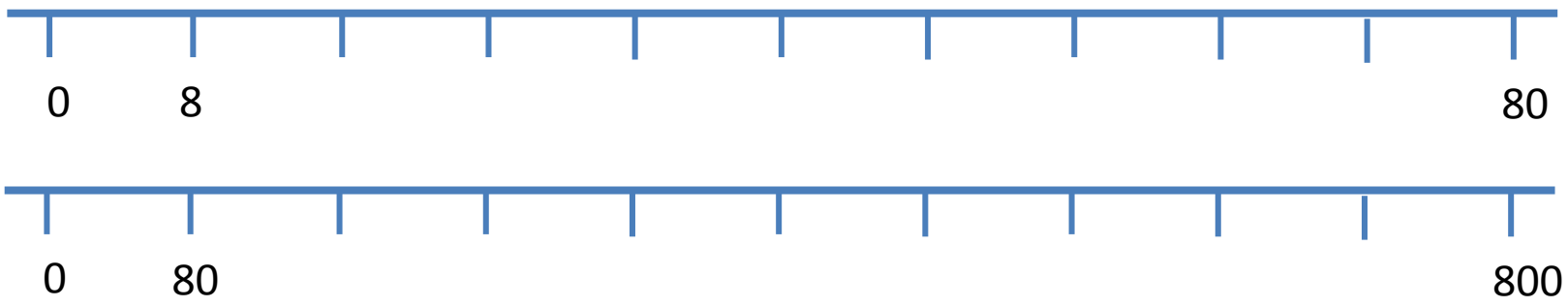


9	9 ÷ 8 =
17	17 ÷ 8 =
26	26 ÷ 8 =
34	34 ÷ 8 =
38	38 ÷ 8 =
45	45 ÷ 8 =
55	55 ÷ 8 =
61	61 ÷ 8 =
65	65 ÷ 8 =
79	79 ÷ 8 =

Multiples of 8, 80



8 X1=	80 x1=
8 X2=	80 x2=
8 X3=	80 x3=
8 X4=	80 x4=
8 X5=	80 x5=
8 X6=	80 x6=
8 X7=	80 X7=
8 X8=	80 X8=
8X9=	80 X9=
8 X10=	80X10=



Dividing into groups of 8, 80

24 ÷ 8=
48 ÷ 8=

8÷ 8=
16÷ 8=

40 ÷ 8=
80÷ 8=

32÷ 8=
72 ÷ 8=

56÷ 8=
64 ÷ 8=

240 ÷ 80=
480 ÷ 80=

80 ÷ 80=
160 ÷ 80=

400 ÷ 80=
800÷ 80=

320÷ 80=
720 ÷ 80=

560 ÷ 80=
640÷ 80=

Array

Bar Model:

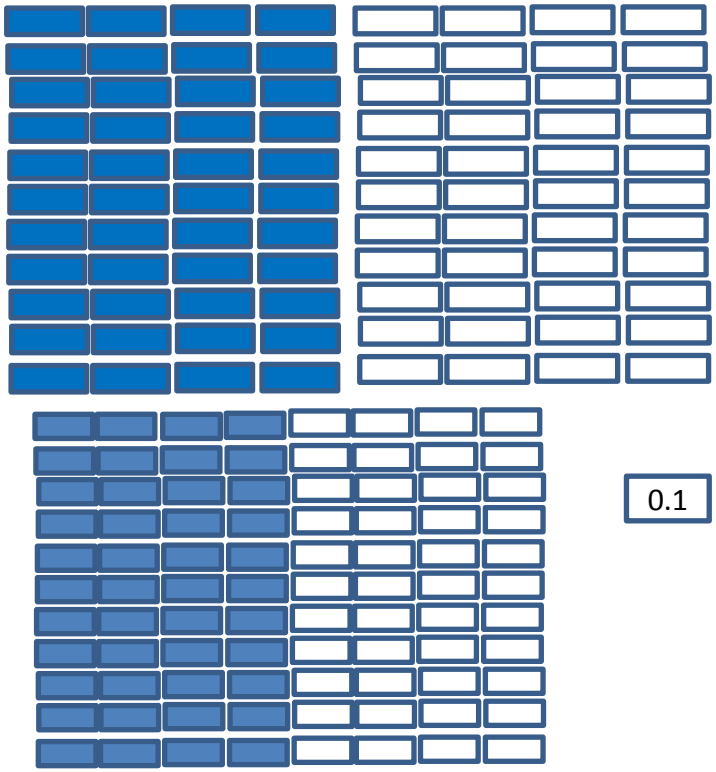
Number line:

Bar model:

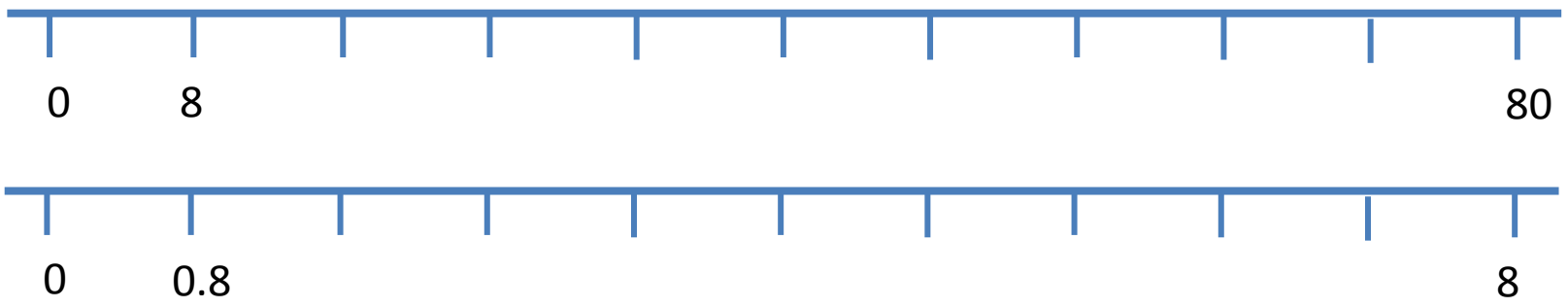
Number line:

8x5=

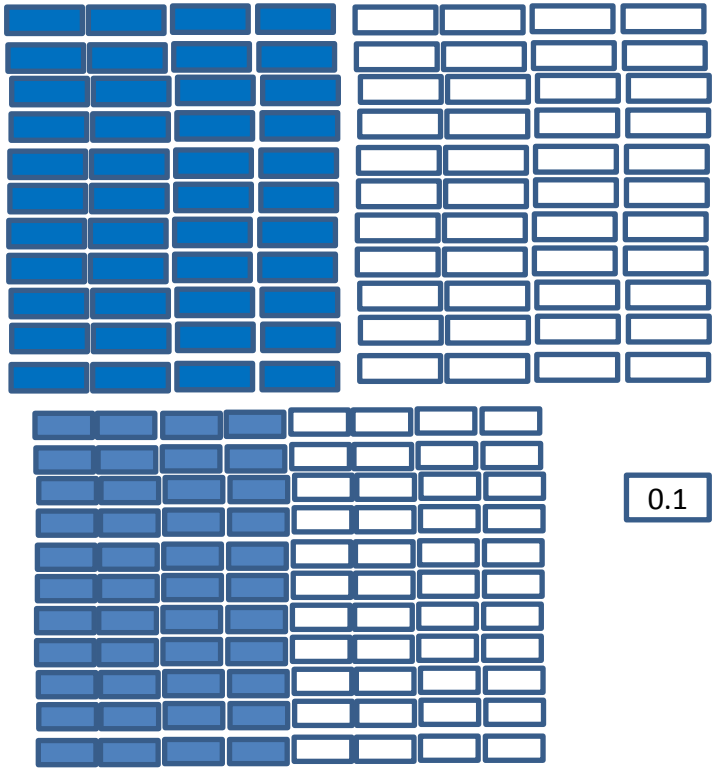
Multiples of 8, 0.8



8 X1=	0.8 x1=
8 X2=	0.8 x2=
8 X3=	0.8 x3=
8 X4=	0.8 x4=
8 X5=	0.8 x5=
8 X6=	0.8 x6=
8 X7=	0.8 X7=
8 X8=	0.8 X8=
8X9=	0.8 X9=
8 X10=	0.8 X10=



Multiples of 8/10, 0.8



8/10 X1=

8/10 X2= 16/10=1 6/0

8/10 X3=

8/10 X4=

8/10 X5=

8/10 X6=

8/10 X7=

8/10 X8=

8/10 X9=

8/10 X10=

0.8 x1=

0.8 x2=

0.8 x3=

0.8 x4=

0.8 x5=

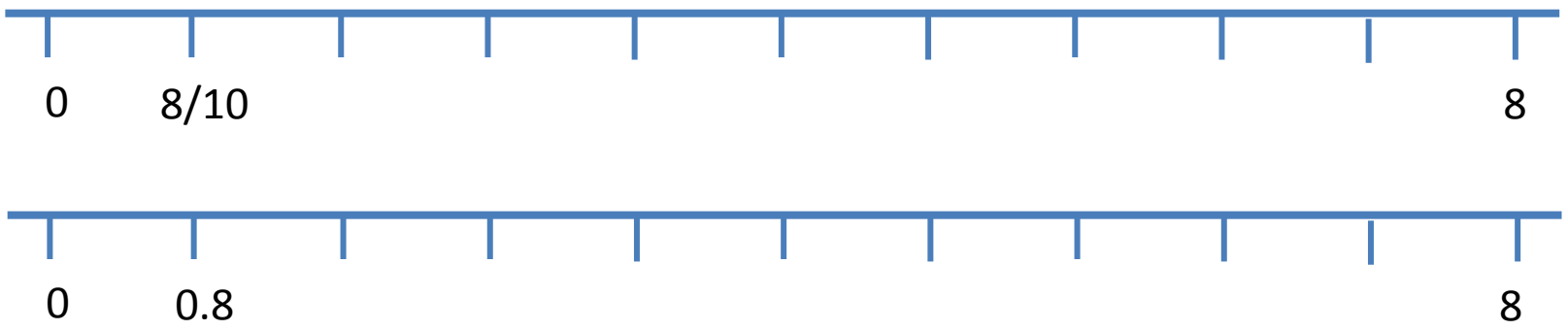
0.8 x6=

0.8 X7=

0.8 X8=

0.8 X9=

0.8 X10=



Dividing into groups of 0.8, 8

2.4 ÷ 0.8=
4.8÷ 0.8=

0.8 ÷ 0.8=
8 ÷ 0.8 =

4 ÷ 0.8=
1.6 ÷ 0.8=

3.2÷ 0.8=
6.4 ÷ 0.8=

5.6÷ 0.8=
2.8 ÷ 0.8=

24 ÷ 8=
48 ÷ 8=

8÷ 8=
80 ÷ 8=

40 ÷ 8=
16÷ 8=

32÷ 4=
64 ÷ 4=

56÷ 8=
28 ÷ 8=

Dividing into groups of 0.8, 8, 80,

2.4 ÷ 0.8=
4.8÷ 0.8=

0.8 ÷ 0.8=
8 ÷ 0.8 =

4 ÷ 0.8=
1.6 ÷ 0.8=

3.2÷ 0.8=
6.4 ÷ 0.8=

5.6÷ 0.8=
2.8 ÷ 0.8=

24 ÷ 8=
48 ÷ 8=

8÷ 8=
80 ÷ 8=

40 ÷ 8=
16÷ 8=

32÷ 4=
64 ÷ 4=

56÷ 8=
28 ÷ 8=

240 ÷ 80=
480 ÷ 80=

80 ÷ 80=
160 ÷ 80=

400 ÷ 80=
800÷ 80=

320÷ 80=
720 ÷ 80=

560 ÷ 80=
640÷ 80=