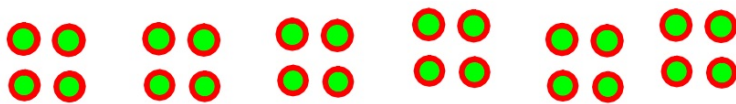


6.1.21

TBAT use times tables to multiply by multiples of 10 100 and 1000

We are going to look at multiplication again this week.

What does it mean to 'multiply' a number?



4

6.1.21

TBAT use times tables to multiply by multiples of 10 100 and 1000

We can use our times tables knowledge to work out bigger questions.

e.g. $4 \times 3 = 12$

so $40 \times 3 = 120$

or $4 \times 30 = 120$

Complete these tables up to 12 x.

30 times
table

$$1 \times 30 = 30$$

$$2 \times 30 = 60$$

$$3 \times 30 = 90$$

$$4 \times 30 = 120$$

40 times
table

$$1 \times 40 = 40$$

$$2 \times 40 = 80$$

$$3 \times 40 = 120$$

6.1.21

TBAT use times tables to multiply by multiples of 10 100 and 1000

If a number is ten times bigger, the multiplication will be ten times bigger!

$$\begin{array}{ccc} 5 \times 8 = 40 & & \\ \text{10x bigger} \downarrow & & \downarrow \text{10x bigger} \\ 50 \times 8 = & & \end{array}$$

6.1.21

TBAT use times tables to multiply by multiples of 10 100 and 1000

If a number is 100 times bigger, the multiplication will be 100 times bigger!

$$\begin{array}{ccc} 6 \times 4 = 24 & & \\ \text{100x bigger} \downarrow & & \downarrow \text{100x bigger} \\ 600 \times 4 = & & \end{array}$$

6.1.21

TBAT use times tables to multiply by multiples of 10 100 and 1000

Use your times tables knowledge to answer these questions.

Bronze

1. $20 \times 3 =$
2. $50 \times 2 =$
3. $40 \times 4 =$
4. $60 \times 6 =$
5. $20 \times 9 =$
6. $40 \times 7 =$
7. $5 \times 80 =$
8. $9 \times 30 =$
9. $6 \times 20 =$
10. $8 \times 30 =$

Silver

1. $500 \times 4 =$
2. $800 \times 6 =$
3. $300 \times 7 =$
4. $200 \times 8 =$
5. $900 \times 4 =$
6. $400 \times 8 =$
7. $2 \times 600 =$
8. $6 \times 500 =$
9. $8 \times 800 =$
10. $4 \times 400 =$

Gold

1. $___ \times 3 = 2700$
2. $___ \times 4 = 80$
3. $___ \times 8 = 3200$
4. $___ \times 7 = 350$
5. $___ \times 6 = 2400$
6. $8 \times ___ = 480$
7. $9 \times ___ = 3600$
8. $7 \times ___ = 630$
9. $4 \times ___ = 2000$
10. $9 \times ___ = 540$