(x2) Doubles

To multiply by 2, double the number.

10x2=20 2x6=12

5x2=10 2x30=60

(x10) Decade Facts

Multiply x10

(add "0" to end of #)

9x10=90

8x10=80

(x1) Ones Facts

Any number x1 is

that number.

10x1=10

6x1=6

(x3) Doubles+1

Double the #, then add it one more time.

4x3=

4x2=8 then, 8+4=12

4x3=12

(x4) Double Double

Double the other number,

then double again.

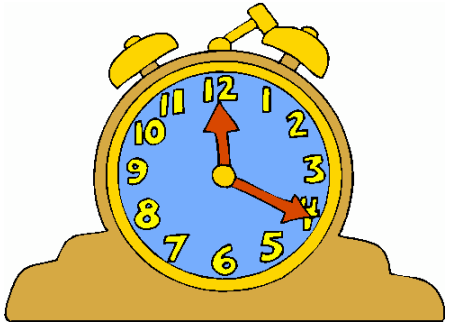
6x4=

6x2=12, then 12x2=24

6x4=24

(x5) Clock Facts

Think of the minutes on a clock to multiply by 5.



5x10=50 4x5=20

(x6) Clock Facts+1

Think of the clock to multiply by 5 and add one more set.

8x6=

8x5=40 then 40+8=48

(x8)
Double-Double -Double

When one number is 8, double the other #, double the result, and then double again.

$6 \times 8 =$

$6 \times 2 = 12$
Double One Time

$12 \times 2 = 24$
Double a 2nd Time

$24 \times 2 = 48$
Double a 3rd Time

$6 \times 8 = 48$

(x9) Decade -1 Set

Multiply by 10 and subtract 1 set.

7x9=

7x10=70 then 70-7=63

7x9=63

(x11) Decade +1 Set

Multiply by 10 and

add 1 set

12x11=

12x10=120 then 120+12=132

12x11=132

(x12) Decade +2 Sets

Multiply by 10

then add 2 sets

$9 \times 12 =$

$9 \times 10 = 90$ then $90 + 9 = 99$

last $99 + 9 = 108$

$9 \times 12 = 108$

(x0) Zero Facts

Any number x0 =0

10x0=0

5x0=0

0x90=0

0x123=0

Multiplication Strategies