Multiplication Strategies (2 x 1)

Emily Kappel

32 x 5

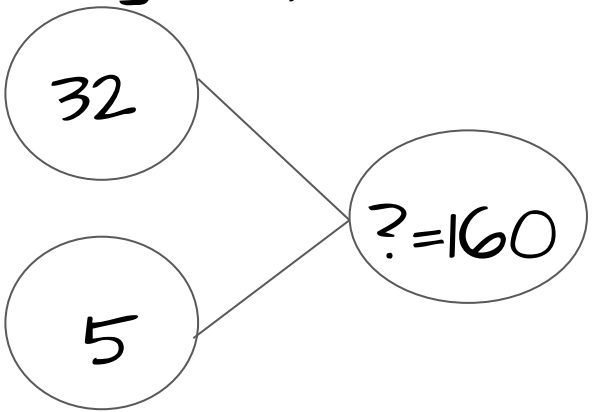
What does this mean?

Picture

32 x 5

32 x 5 = 5 x 32

32 groups of 5



Partial Product

Area Model (Matrix)

32 x 5

30x5 =150

2x5 =+ 10

160

32 x 5

	5	
30	150	150
+		
2	10	+10
		160

Distributive Property

Traditional Algorithm

32 x 5

(30+2) x 5

(30x5) + (2x5)

150 + 10

160

32 x 5

+1

32

x 5

160