



Identify multiplication patterns

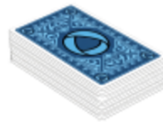
1

4 players each have 2 cards in their hand. How many total cards?



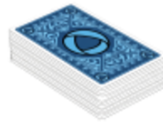
4 players 2 each

A



7 cards

B



8 cards

2 24×8

A

$$(20 \times 8) \times (4 \times 8)$$

B

$$(20 \times 8) + (4 \times 8)$$

3 $2 \times 9 \times 5$

A

3×5

B

18×5

C

20×5

D

11×5

E

8×21

F

6×5

4 4×17

A

$(4 \times 7) + (10 \times 7) + (7 \times 7)$

B

$(4 + 7) + (10 \times 7)$

C

$(4 \times 19) + (10 \times 21)$

D

$(4 \times 7) + (10 + 7)$

E

$(4 \times 17) + (10 \times 18)$

F

$(4 \times 10) + (4 \times 7)$

5

Multiply these numbers

$$\begin{array}{r} 30 \\ \times 7 \\ \hline \end{array}$$

A $21,000$

B 21

C 210

D 2.1

E $2,100$

**Identify multiplication patterns****6** 10×10

A 140	B 100	C 40
D 50	E 90	F 110

7

How can you multiply 15 by 25 by breaking 25 apart

$$\begin{array}{r} 15 \\ \times 25 \\ \hline \end{array}$$

A	$(15 \times 20) + (15 \times 5)$
B	$(15 + 20) \times (15 + 5)$

8 $2 \times 6 \times 5$

A 2×30	B 6×11
C 8×5	D 10×22
E 19×13	F 19×5

9 15×2

A $(10 + 2) + (5 \times 2)$	B $(10 \times 12) + (5 \times 6)$
C $(10 \times 2) + (5 \times 2) + (2 \times 2)$	D $(10 \times 20) + (5 \times 17)$
E $(10 \times 2) + (5 \times 2)$	F $(10 \times 11) + (5 \times 3)$

10

Multiply these numbers

$$\begin{array}{r} 40 \\ \times 4 \\ \hline \end{array}$$

A 16	B 1.6	C 160
D 1,600	E 16,000	

11

How can you multiply 23 by 25 by breaking 25 apart

$$\begin{array}{r} 23 \\ \times 25 \\ \hline \end{array}$$

A	$(23 + 20) \times (23 + 5)$
B	$(23 \times 20) + (23 \times 5)$

12 $2 \times 6 \times 7$

A 2×13	B 16×26
C 9×7	D 2×42
E 20×25	F 5×7