Multiplication Challenges

Use the multiplication square below to help you complete the questions. If you can, try to work out the answers without the multiplication square!

✗	1	2	3	4	5	6	7	8	9	10	11	12
1	1	2	3	4	5	6	7	8	9	10	11	12
2	2	4	6	8	10	12	14	16	18	20	22	24
3	3	6	9	12	15	18	21	24	27	30	33	36
4	4	8	12	16	20	24	28	32	36	40	44	48
5	5	10	15	20	25	30	35	40	45	50	55	60
6	6	12	18	24	30	36	42	48	54	60	66	72
7	7	14	21	28	35	42	49	56	63	70	77	84
8	8	16	24	32	40	48	56	64	72	80	88	96
9	9	18	27	36	45	54	63	72	81	90	99	108
10	10	20	30	40	50	60	70	80	90	100	110	120
11	11	22	33	44	55	66	77	88	99	110	121	132
12	12	24	36	48	60	72	84	96	108	120	132	144

1. $\begin{array}{r} 24 \\ \times\ 4 \\ \hline \end{array}$

2. $\begin{array}{r} 22 \\ \times\ 5 \\ \hline \end{array}$

3. $\begin{array}{r} 18 \\ \times\ 5 \\ \hline \end{array}$

4. $\begin{array}{r} 26 \\ \times\ 3 \\ \hline \end{array}$

$$
\begin{array}{r}
2\ 8\ 1 \\
\times \quad\ 5 \\
\hline
\end{array}
\qquad
\begin{array}{r}
4\ 6\ 3 \\
\times \quad\ 4 \\
\hline
\end{array}
\qquad
\begin{array}{r}
6\ 9\ 6 \\
\times \quad\ 4 \\
\hline
\end{array}
\qquad
\begin{array}{r}
4\ 1\ 6 \\
\times \quad\ 4 \\
\hline
\end{array}
$$

$$
\begin{array}{r}
2\ 7\ 5 \\
\times \quad\ 6 \\
\hline
\end{array}
\qquad
\begin{array}{r}
6\ 4\ 3 \\
\times \quad\ 6 \\
\hline
\end{array}
\qquad
\begin{array}{r}
8\ 6\ 7 \\
\times \quad\ 5 \\
\hline
\end{array}
\qquad
\begin{array}{r}
8\ 9\ 1 \\
\times \quad\ 4 \\
\hline
\end{array}
$$

1. A teacher asks some children to arrange some chairs into 12 rows of eight chairs. How many chairs will be laid out?_____

2. A crate contains 32 packs of four water bottles. How many bottles are there on each crate? _____

3. A photo album contains 28 pages. Each page can hold six photos. How many photos can each album hold?_____

$\boxed{} \times\ 9\ =\ 46 + 8$

At a football tournament, there are 16 teams of 11 players. Out of all the players, 109 have played in the tournament before. How many players have not played in the tournament before?

$50 \div 5\ =\ \boxed{} \div 3$

$7\ \times\ \boxed{}\ =\ 62 + 1$

$81 \div 9\ =\ 54 \div \boxed{}$