Mystery grid B · mixed facts

Name _____ Date _____

Solve each fact and match the product to a range. Color or mark the square.

Product	1–12 White	13–24 Blue	25–48 Red	49–81 Yellow
Pencil	Leave blank	Vertical lines	Slanted lines	Dots

	A	B	C	D	E	F	G
1	6 × 2	2 × 3	2 × 4	4 × 9	4 × 2	5 × 2	2 × 2
2	3 × 2	2 × 5	9 × 5	7 × 6	6 × 7	2 × 6	4 × 3
3	3 × 3	3 × 4	3 × 5	7 × 2	8 × 2	6 × 2	2 × 3
4	2 × 4	4 × 2	5 × 4	8 × 9	8 × 3	5 × 2	2 × 2
5	3 × 2	8 × 4	4 × 6	3 × 6	2 × 9	5 × 6	2 × 5
6	2 × 6	3 × 9	6 × 3	2 × 7	3 × 7	7 × 4	4 × 3
7	3 × 3	3 × 4	9 × 8	6 × 2	7 × 9	2 × 3	2 × 4

Show how you solved one square

Square _____ Fact _____ Product _____ Color _____

Explain your thinking: _____

Mystery grid B · mixed facts — Key

Teacher key · rocket · products and colors

Use the row number and column letter to check one square at a time.

Product	1–12 White	13–24 Blue	25–48 Red	49–81 Yellow
Pencil	Leave blank	Vertical lines	Slanted lines	Dots

	A	B	C	D	E	F	G
1	12 White	6 White	8 White	36 Red	8 White	10 White	4 White
2	6 White	10 White	45 Red	42 Red	42 Red	12 White	12 White
3	9 White	12 White	15 Blue	14 Blue	16 Blue	12 White	6 White
4	8 White	8 White	20 Blue	72 Yellow	24 Blue	10 White	4 White
5	6 White	32 Red	24 Blue	18 Blue	18 Blue	30 Red	10 White
6	12 White	27 Red	18 Blue	14 Blue	21 Blue	28 Red	12 White
7	9 White	12 White	72 Yellow	12 White	63 Yellow	6 White	8 White

Checking a paper copy

A correct product and a wrong color are two different things to check.

Compare the calculation first, then look up its product in the range key.