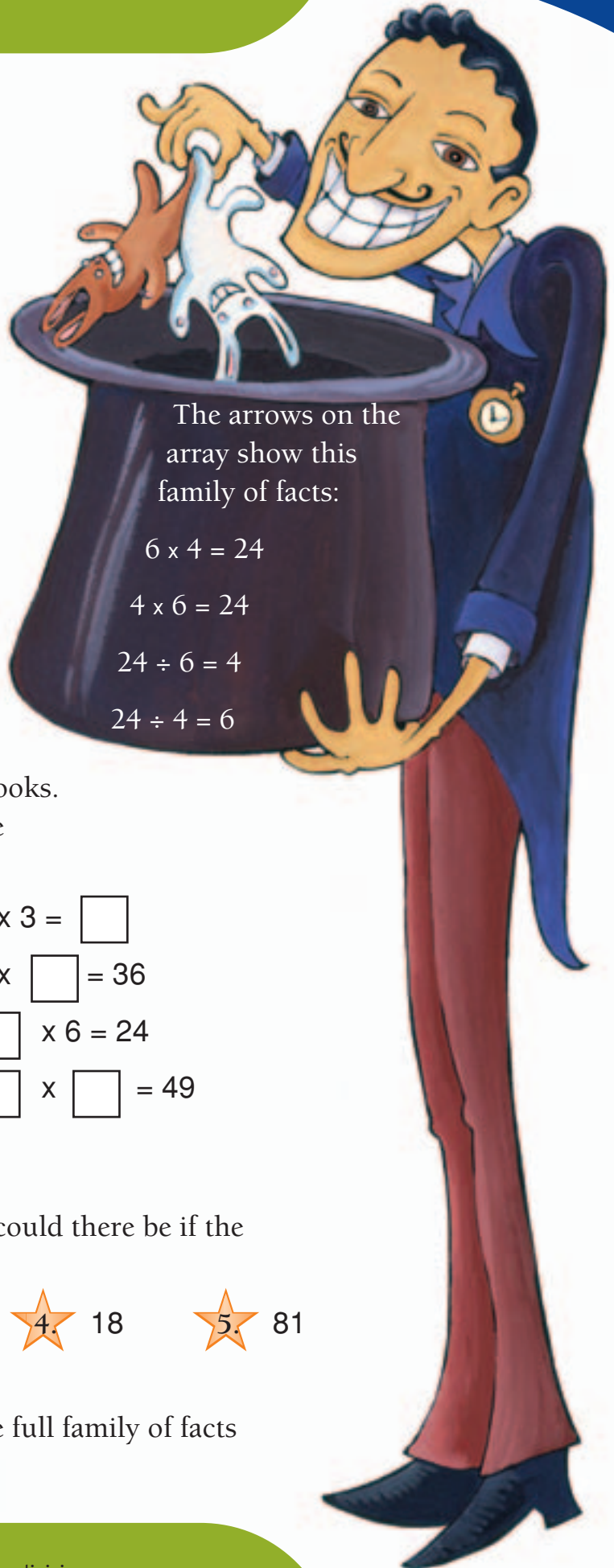


# Time's Up

## Multiplication Array

x	2	3	4	5	6	7	8	9
2	4	6	8	10	12	14	16	18
3	6	9	12	15	18	21	24	27
4	8	12	16	20	24	28	32	36
5	10	15	20	25	30	35	40	45
6	12	18	24	30	36	42	48	54
7	14	21	28	35	42	49	56	63
8	16	24	32	40	48	56	64	72
9	18	27	36	45	54	63	72	81



The arrows on the array show this family of facts:

$$6 \times 4 = 24$$

$$4 \times 6 = 24$$

$$24 \div 6 = 4$$

$$24 \div 4 = 6$$

## Activity One

Using the multiplication array above, copy the following equations into your books.

Fill in the missing numbers and make the family of facts for each equation.

1.  $2 \times 6 = \square$

2.  $7 \times 3 = \square$

3.  $\square \times 7 = 56$

4.  $9 \times \square = 36$

5.  $3 \times \square = 18$

6.  $\square \times 6 = 24$

7.  $\square \times \square = 9$

8.  $\square \times \square = 49$

## Activity Two

Look at the array. How many equations could there be if the answer is:

1. 12

2. 42

3. 24

4. 18

5. 81

6. 16

7. 25

8. 27

Note: You do not need to write down the full family of facts for this activity.