

# Solar Maths

## Jupiter A



Name: \_\_\_\_\_

| Mixed using x tables    | Mental skills            | Key skills – Fractions   | Key skills – Fractions             |
|-------------------------|--------------------------|--|------------------------------------|
| $720 \div 120 =$        | $45.9 \div 100 =$        | Convert improper fraction to mixed number:<br>$\frac{15}{4} =$ | $2\frac{4}{3} + \frac{4}{7} =$     |
| $10 \div 10 =$          | $60.4 - 32.6 =$          | Convert mixed number to improper fraction:<br>$2\frac{3}{4} =$ |                                    |
| $0.9 \times 6 =$        | $25\% \text{ of } 630 =$ | Convert mixed number to improper fraction:<br>$5\frac{7}{9} =$ | $\frac{5}{6} \times \frac{3}{8} =$ |
| $9^2 =$                 | $5.8 \times 2 =$         | Convert mixed number to improper fraction:<br>$2\frac{1}{3} =$ |                                    |
| $0.8 \times 4 =$        | Double 216 =             | Convert improper fraction to mixed number:<br>$\frac{35}{3} =$ | $2\frac{1}{3} - 1\frac{3}{4} =$    |
| $\sqrt{121} =$          | Half of 8.5 =            | Convert mixed number to improper fraction:<br>$8\frac{5}{6} =$ |                                    |
| $55 \div 11 =$          | $10\% \times 52 =$       | Convert improper fraction to mixed number:<br>$\frac{73}{9} =$ | $\frac{4}{5} \div 6 =$             |
| $48 \div 0.6 =$         | $3^3 =$                  | Convert mixed number to improper fraction:<br>$5\frac{5}{6} =$ |                                    |
| $3 \times \square = 24$ | $5^2 + 1^2 =$            | Convert improper fraction to mixed number:<br>$\frac{73}{9} =$ |                                    |
| $600 \div 50 =$         | $7.82 + \square = 10$    |  |                                    |
| $63 \div 7 =$           | $13287 + 5000 =$         |  |                                    |
| $6 \times 7 =$          | $5 \times 16 \times 2 =$ |  |                                    |

# Solar Maths

## Jupiter B



Name: \_\_\_\_\_

| Mixed using x tables    | Mental skills             | Key skills – Fractions  | Key skills – Fractions             |
|-------------------------|---------------------------|---|------------------------------------|
| $4 \times \square = 32$ | $18287 + 600 =$           | Convert mixed number to improper fraction:<br>$2\frac{3}{4} =$  | $\frac{4}{7} \times \frac{3}{8} =$ |
| $360 \div 30 =$         | $9^2 + 1^2 =$             | Convert improper fraction to mixed number:<br>$\frac{29}{7} =$  |                                    |
| $5 \times 7 =$          | $10\% \times 78 =$        | Convert improper fraction to mixed number:<br>$\frac{15}{4} =$  | $\frac{9}{11} - \frac{4}{7} =$     |
| $15 \div 0.3 =$         | $\frac{1}{8} \times 48 =$ |   |                                    |
| $0.7 \times 0.4 =$      | $7 \times 6 \times 10 =$  | Convert mixed number to improper fraction:<br>$3\frac{8}{9} =$  | $2\frac{2}{3} + 1\frac{1}{4} =$    |
| $12 \times 8 =$         | Half of 10.5 =            |   |                                    |
| $\sqrt{36} =$           | $50.4 - 32.6 =$           | Convert improper fraction to mixed number:<br>$\frac{36}{5} =$  | $\frac{7}{9} \div 2 =$             |
| $270 \div 9 =$          | 25% of 630 =              |   |                                    |
| $6300 \div 70 =$        | $7.9 \times 2 =$          | Convert mixed number to improper fraction:<br>$5\frac{7}{12} =$ |                                    |
| $0.7 \times 6 =$        | $3672 \div 100 =$         |   |                                    |
| $4^2 =$                 | $34.4 - 32.6 =$           |   |                                    |
| $144 \div 12 =$         | Double 613 =              |   |                                    |