

4 of a Kind Revision Cards

Find the answers to the four surrounding questions, they should sum to the central number.

3.52×2.8
 4.87×3.4
52.287
 5.12×2.8
 7.21×1.6

$4x + 7 = 27$
 $7x - 3 = 39$
31
 $3x + 5 = 41$
 $5x - 6 = 34$

$35\% \text{ of } 140$
 $35\% \text{ of } 320$
350
 $35\% \text{ of } 260$
 $35\% \text{ of } 280$

$5x + 7 = 2x + 19$
 $9x - 7 = 5x + 17$
22
 $4x + 5 = 7x + 26$
 $8x - 4 = 3x + 21$

$\text{Estimate: } \frac{7.18 \times 4.89}{\sqrt{103 \times 6.89}}$
 $\text{Estimate: } \frac{97.98 - 45.67}{3.25 + 1.765}$
37
 $\text{Estimate: } \frac{3.79 \times 117}{13.5 + 5.67}$
 $\text{Estimate: } \frac{4.31 \times \sqrt{109}}{3.45 + 4.87}$

$3b^2 - ab$
 $a = 3 \quad b = 2$
 $5b^2 - ab$
 $a = 7 \quad b = 3$
66
 $2b^2 - ab$
 $a = 7 \quad b = 5$
 $4b^2 - ab$
 $a = 5 \quad b = 3$



4 of a Kind Revision Cards

Find the answers to the four surrounding questions, they should sum to the central number.

Central number: 1

Surrounding questions:

- $\frac{3}{2} \times \frac{5}{8}$
- $\frac{1}{2} \times \frac{5}{12}$
- $\frac{2}{3} \times \frac{3}{8}$
- $\frac{3}{4} \times \frac{1}{6}$

Central number: 180

Surrounding questions:

- $x = 40$
- $y = 1.1x + 7$
- $x = 50$
- $y = 1.5x - 9$
- $y = 1.1x - 15$
- $x = 20$
- $y = 1.5x + 11$
- $x = 30$

Central number: 58.80

Surrounding questions:

- 42% of 140
- 32% of 180
- 14% of 160
- 23% of 220

Central number: $3\frac{4}{15}$

Surrounding questions:

- $\frac{3}{15} + \frac{1}{2}$
- $\frac{1}{6} + \frac{3}{5}$
- $\frac{5}{1} + \frac{1}{6}$
- $\frac{2}{3} + \frac{1}{10}$

Central number: 141

Surrounding questions:

- $4^2 + 3 \times \sqrt{64}$
- $9^2 - 4 \times \sqrt{100}$
- $7^2 - 3 \times \sqrt{121}$
- $3^2 + 5 \times \sqrt{49}$

Central number: 44

Surrounding questions:

- $\frac{x}{5} = 1\frac{1}{2}$
- $\frac{x}{3} = 4\frac{1}{2}$
- $\frac{x}{5} = 2\frac{1}{2}$
- $\frac{x}{3} = 3\frac{1}{3}$

