

Year 3 Addition and Subtraction Missing Number Calculations

Space-Themed Maths Activity Games

Cut out and attach a paperclip to each astronaut. Use a magnet to select an astronaut. Complete the calculation.

5 9 + 454 = 1053

64 + 25 = 817

562 + 5 3 = 1155

902 + 84 = 1486

5 4 - 359 = 235

83 + 4 5 = 888

64 - 206 = 158

52 - 80 = 244

766 - 64 = 117

837 - 5 4 = 243

Year 3 Addition and Subtraction Missing Number Calculations

Space-Themed Maths Activity Games

Two player game

Take turns to select a card. Complete the calculation. Once you have completed the calculation, check your answer. If your calculation is correct, join two of the dots with a horizontal or vertical line and the turn is passed. If the answer is incorrect, the turn is passed to the next player without drawing a line.

During the game, boxes will be made by four lines joining together. The player who draws a line that finishes a four-sided box writes their initials in the box. Each box is worth a point. If a box is made around an astronaut, it counts for five points.

The person with the most points by the end of the game wins.

The grid consists of 10 rows and 10 columns of dots. The illustrations are placed as follows:

- Row 1, Column 1: Moon
- Row 2, Column 2: Small astronaut
- Row 3, Column 5: Medium astronaut
- Row 4, Column 3: Large astronaut
- Row 5, Column 7: Medium astronaut
- Row 6, Column 8: Large astronaut
- Row 7, Column 4: Small astronaut
- Row 8, Column 1: Large astronaut
- Row 9, Column 9: Satellite
- Column 10: Large Earth globe (spanning rows 1 to 10)

Year 3 Addition and Subtraction Missing Number Calculations

Space-Themed Maths Activity Games

| | | | |
|---------------------------------|--------------------------------|--------------------------|---------------------------|
| $5 \square 8 + 61 = 589$ | $25 \square + 253 = 503$ | $84 \square - 543 = 297$ | $964 - 7 \square 9 = 255$ |
| $8 \square 7 + 6 \square = 906$ | $\square 99 + 53 = 452$ | $4 \square 9 - 394 = 95$ | $4 \square 8 - 64 = 434$ |
| $4 \square 8 - 48 = 430$ | $\square 8 \square - 91 = 893$ | $483 - 4 \square = 438$ | $\square 85 - 859 = 126$ |
| $\square 83 - 604 = 279$ | $683 - 4 \square 8 = 185$ | | |

| | | |
|-----------------------------------|-----------------------------------|----------------------------------|
| $1 \square 3 + \square 43 = 1136$ | $34 \square + \square 21 = 1147$ | $77 \square + \square 4 = 858$ |
| $5 \square 4 + 709 = 1253$ | $\square 24 + 3 \square 2 = 1116$ | $38 \square + 4 \square 4 = 868$ |

Space-Themed Maths Activity Games **Answers**

Magnet game

$599 + 454 = 1053$

$594 - 359 = 235$

$564 + 253 = 817$

$524 - 280 = 244$

$562 + 593 = 1155$

$364 - 206 = 158$

$483 + 405 = 888$

$766 - 649 = 117$

$902 + 584 = 1486$

$837 - 594 = 243$

Two player game

| | | | |
|--------------------|--------------------|-------------------|-------------------|
| $934 + 213 = 1147$ | $250 + 253 = 503$ | $840 - 543 = 297$ | $964 - 709 = 255$ |
| $528 + 61 = 589$ | $837 + 69 = 906$ | $489 - 394 = 95$ | $498 - 64 = 434$ |
| $384 + 484 = 868$ | $193 + 943 = 1136$ | $483 - 45 = 438$ | $985 - 859 = 126$ |
| $724 + 392 = 1116$ | $544 + 709 = 1253$ | $478 - 48 = 430$ | $984 - 91 = 893$ |
| $774 + 84 = 858$ | $399 + 53 = 452$ | $883 - 604 = 279$ | $683 - 498 = 185$ |