

KENKEN

Answer Keys:

FLAMINGO

ADMS Puzzle 1 (4x4)



Easy + - x ÷

| | | | |
|-----------------|-----------------|------------------|-----------------|
| ^{2÷} 2 | 1 | ^{48×} 4 | 3 |
| ⁷⁺ 3 | ¹⁻ 2 | 1 | 4 |
| 4 | 3 | ¹⁻ 2 | ^{2÷} 1 |
| ³⁻ 1 | 4 | 3 | 2 |

CAMPING

Addition & Subtraction
Puzzle 2 (5x5)



Harder + -

| | | | | |
|-----------------|-----------------|-----------------|-----------------|------------------|
| ⁴⁻ 5 | 1 | ²⁻ 3 | ² 2 | ¹¹⁺ 4 |
| ¹⁻ 2 | ⁹⁺ 5 | 1 | 4 | 3 |
| 1 | 4 | ²⁻ 5 | 3 | ¹⁻ 2 |
| ⁴ 4 | ⁸⁺ 3 | ³⁻ 2 | 5 | 1 |
| 3 | 2 | ⁴ 4 | ⁶⁺ 1 | 5 |

SUN

ADMS Puzzle 2 (4x4)

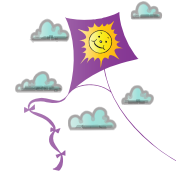


Harder + - x ÷

| | | | |
|------------------|-----------------|----------------|-----------------|
| ²⁻ 3 | ³⁺ 2 | 1 | ⁴ 4 |
| 1 | ^{2÷} 4 | 2 | ^{6×} 3 |
| ^{12×} 4 | 1 | 3 | 2 |
| ¹⁻ 2 | 3 | ⁴ 4 | 1 |

KITE

Multiplication
Puzzle 1 (4x4)



Easy x

| | | | |
|------------------|-----------------|-----------------|------------------|
| ^{12×} 1 | ^{8×} 2 | 4 | ^{24×} 3 |
| 4 | ^{3×} 3 | 1 | 2 |
| 3 | 1 | ^{6×} 2 | 4 |
| ^{8×} 2 | 4 | 3 | 1 |

MOON

ADMS Puzzle 1 (5x5)



Easy + - x ÷

| | | | | |
|------------------|-----------------|-----------------|-----------------|-----------------|
| ^{45×} 3 | 5 | ⁴⁻ 1 | ^{2÷} 4 | 2 |
| ¹¹⁺ 2 | 3 | 5 | ⁹⁺ 1 | ⁴ 4 |
| 4 | ^{2÷} 2 | 3 | 5 | ⁴⁺ 1 |
| 5 | 1 | ^{2÷} 4 | 2 | 3 |
| ^{8×} 1 | 4 | 2 | ²⁻ 3 | 5 |

SAILBOAT

Multiplication
Puzzle 2 (4x4)



Harder x

| | | | |
|------------------|-----------------|-----------------|-----------------|
| ^{12×} 1 | 4 | ^{6×} 2 | 3 |
| ⁴ 4 | 3 | 1 | ^{8×} 2 |
| ^{6×} 3 | ^{8×} 2 | 4 | 1 |
| 2 | 1 | ³ 3 | 4 |

FLOWER

Addition & Subtraction
Puzzle 1 (4x4)



+ -

| | | | |
|-----------------|-----------------|-----------------|-----------------|
| ²⁻ 2 | 4 | 1 | ²⁻ 3 |
| ³⁻ 4 | ¹⁻ 2 | ⁷⁺ 3 | 1 |
| 1 | 3 | 4 | ²⁻ 2 |
| ³ 3 | ³⁺ 1 | 2 | 4 |

HOT AIR BALLOON

Multiplication
Puzzle 1 (5x5)



Easy x

| | | | | |
|------------------|------------------|-----------------|------------------|-----------------|
| ^{12×} 3 | 4 | 1 | 2 | ⁵ 5 |
| ^{10×} 1 | ³ 3 | 5 | 4 | ^{8×} 2 |
| 5 | 2 | ^{6×} 3 | 1 | 4 |
| ^{8×} 4 | 1 | 2 | ^{45×} 5 | 3 |
| 2 | ^{20×} 5 | 4 | 3 | 1 |

BEACH

Addition & Subtraction
Puzzle 1 (5x5)



Easy + -

| | | | | |
|------------------|-----------------|-----------------|-----------------|------------------|
| ¹⁰⁺ 3 | 4 | ³⁻ 5 | ² 2 | ⁴⁻ 1 |
| ⁴⁻ 1 | 3 | 2 | ⁷⁺ 4 | 5 |
| 5 | ³⁺ 2 | 1 | 3 | ¹²⁺ 4 |
| ³⁺ 2 | 1 | ⁷⁺ 4 | 5 | 3 |
| ⁹⁺ 4 | 5 | 3 | ¹⁻ 1 | 2 |

PENGUIN

Multiplication
Puzzle 2 (5x5)



Harder x

| | | | | |
|------------------|------------------|------------------|------------------|------------------|
| ^{24×} 3 | 1 | ^{40×} 5 | 4 | 2 |
| 4 | 2 | 1 | ^{12×} 3 | ^{30×} 5 |
| ^{10×} 5 | 3 | 4 | 2 | 1 |
| 2 | ^{20×} 5 | ^{6×} 3 | 1 | ^{12×} 4 |
| 1 | 4 | 2 | ⁵ 5 | 3 |