

Monday: The Turn-Around Trick

1 Warm-up

1. 20, 18, 16, 20, 35, 27

2 Commutative

1. Both arrays = 18 – same dots, turned sideways

3 Flip It

1. $7 \times 2 \rightarrow 2 \times 7 = 14$; $8 \times 5 \rightarrow 5 \times 8 = 40$; $9 \times 3 \rightarrow 3 \times 9 = 27$; $6 \times 4 \rightarrow 4 \times 6 = 24$

4 Number Talk

1. $8 \times 5 = 5 \times 8 = 40$ (turn-around)
2. No! Subtraction is NOT commutative

5 Challenge

1. 4×7 and 7×4 arrays both show 28; accept any valid pairs

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Tuesday: 6s and 7s

1 Warm-up

1. 6s blanks: 24, 36, 48 | 7s blanks: 21, 35, 49

2 $6s = 3s$ doubled

1. 6×5 : $15 \rightarrow 30$; 6×3 : $9 \rightarrow 18$; 6×7 : $21 \rightarrow 42$; 6×6 : $18 \rightarrow 36$

3 Estimate First

1. $6 \times 4 = 24$ less; $7 \times 5 = 35$ more; $6 \times 6 = 36$ more; $7 \times 3 = 21$ less

4 7s Table blanks

1. $7 \times 3 = 21$, $7 \times 5 = 35$, $7 \times 7 = 49$, $7 \times 9 = 63$

5 Two Ways

1. Skip count: 5, 10, 15, 20, 25, 30; $3 \times 5 = 15$ doubled = 30; answer 30

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Wednesday: 8s and 9s

1 Warm-up

1. 8s blanks: 32, 48, 64 | 9s blanks: 27, 45, 63

2 9s Secret

1. $9 \times 4 = 36$ (3, 6); $9 \times 6 = 54$ (5, 4); $9 \times 8 = 72$ (7, 2); $9 \times 7 = 63$ (6, 3)

3 8s Triple-Double

1. 8×4 : $8 \rightarrow 16 \rightarrow 32$; 8×2 : $4 \rightarrow 8 \rightarrow 16$; 8×5 : $10 \rightarrow 20 \rightarrow 40$; 8×3 : $6 \rightarrow 12 \rightarrow 24$

4 Word Problems

1. $3 \times 8 = 24$ arms; $4 \times 9 = 36$ players

5 Number Talk

1. 56: $5 + 6 = 11 \neq 9$, so wrong ($9 \times 6 = 54$)
2. Accept either – same answer by turn-around

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Thursday: 10s & Mixed Word Problems

1 Warm-up 10s

1. 30, 70, 50, 90, 60, 100

2 Word Problems

1. $4 \times 8 = 32$ crayons; $3 \times 7 = 21$ days; $6 \times 10 = 60$ cents

3 Two-Step

1. Step 1: $6 \times 6 = 36$. Step 2: $36 - 10 = 26$ carrots

4 Number Talk

1. 9×7 : any valid strategy (9s secret gives 63)
2. 6×8 : any valid strategy (48)

5 Create Own

1. Accept student problems with a 6-10 fact

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Friday: Review & Self-Check

1 Warm-up

1. 24, 21, 40, 18, 80, 36

2 Estimate First

1. $6 \times 5 = 30$ less; $9 \times 5 = 45$ more; $7 \times 7 = 49$ more; $8 \times 4 = 32$ less

3 Strategy Match

1. $9 \times 8 = 72$; $6 \times 3 = 18$; $10 \times 7 = 70$; $8 \times 3 = 24$ – any valid strategy name

4 Word Problems

1. $5 \times 6 = 30$ eggs; $3 \times 9 = 27$ cards

5 Self-Check

1. Accept student self-assessment; celebrate finishing 0-10!