

Monday: Repeating Patterns**1 Warm-up**

1. 12, 16, 10, 18

2 Learn

1. Core = the part that repeats

3 Continue Patterns

1. 1: triangle, triangle (AAB); 2: square, circle (ABC); 3: blue, red (AB); 4: triangle, triangle (AABB)

4 Number Talk

1. 25 never appears – pattern is all even numbers; 52 never appears – counting by 5s ends in 0 or 5

5 Create Own

1. Any repeating pattern with a stated rule

*Page break***Tuesday: Number Patterns****1 Warm-up**

1. 20, 40, 50, 100

2 Estimate First

1. 4s from 4: last = 32 (less than 50); 5s from 30: last = 65 (more than 50)

3 Fill In

1. 2s: blanks 8, 14; 5s: blanks 15, 30; 10s: blanks 50, 80; 3s: blanks 12, 18

4 What's the Rule

1. 20 (+2); 20 (-5); 51 (+10); 48 (-3)

5 Word Problem

1. Week 6 = \$12 (pattern +\$2 each week)

*Page break***Wednesday: Odd & Even****1 Warm-up**

1. 8, 16, 26, 36

2 Learn

1. Even = pairs, no leftover; odd = 1 leftover

3 Pair Them Up

1. 8 even (4+4); 11 odd; 14 even (7+7); 9 odd

4 Number Talk

1. 46 ends in 6 → even; even + even = even (all pairs stay paired)

5 Two Ways for 13

1. Pairing leaves 1 leftover; last digit 3 is odd; cannot write as a double (6+6=12, 7+7=14)

Page break

Thursday: Real-World Patterns

1 Warm-up

1. 17 O, 24 E, 31 O, 48 E

2 Equal Groups

1. $3 \times 4 = 12$; $4 \times 5 = 20$; $2 \times 6 = 12$; addition: $4 + 4 + 4 = 12$

3 Word Problems

1. 9th post = blue (pattern RRB, 9 = 3 full cores); 10 forks, every fork has a partner, even; Friday = 30 pages (+5 per day)

4 Number Talk

1. Ones digit is always 7 – adding 10 changes only the tens digit

5 Create Own

1. Accept student problems with correct solution

Page break

Friday: Review & Self-Check

1 Warm-up

1. 14, 24, 10, 17

2 Estimate First

1. 6s: 7th = 42 (yes, more than 40); minus 10s: 8th = 20 (yes, less than 30)

3 Mixed Review

1. 26 (+3); 35 odd (ends in 5); $16 = 8 + 8$; total 12, $3 + 3 + 3 + 3 = 12$

4 Word Problem

1. 18 beads = 6 cores of (2 blue + 1 white) → 12 blue; 12 is even

5 Self-Check

1. Accept student self-assessment and reflection