

Term 2

Grade 6: Worksheet 42 pages 114 - 115	Worksheet 43 pages 116 - 117
<p>1. ratio = 1:2 (add another bow tie) 2. Learners draw a picture to show the given ratios. 3. Learners complete each picture to make the equal ratios of red to blue objects. 4a. 1:4 b. 2:4 5. Juice A = R1,99 per litre of diluted juice. Juice B = R1,88 per litre of diluted juice. Juice B offers better value for money. 6. Standard recipe: = (2 x 15 ml oil) + (3 x 15 ml lemon juice) = ratio of 2 parts oil to 3 parts lemon juice For 500 ml sauce (half a litre) = $500 \text{ ml} \div (2 + 3 \text{ parts})$ = 100 ml per part = (100 ml x 2 oil) + (100 ml x 3 lemon juice) = 200 ml oil and 300 ml lemon juice needed to make 500 ml sauce</p>	<p>1. 13: -1; 13; 11; 2; Prime 15: -1; 3; 5; 15; 4; Composite 11: -1; 11; Prime 10: -1; 2; 5; 10; 4; Composite 41: -1; 41; 2; Prime 23: -1, 2; 3; 2; Prime 63: -1; 3; 7; 9; 21; 63; 6; Composite 73: -1; 73; 2; Prime 81: -1; 3; 9; 27; 81; 5; Composite 77: -1; 7; 11; 77; 4; Composite 49: -1; 7; 49; 3; Composite 33: -1; 3; 11; 33; 4; Composite 108: -1; 2; 3; 4; 6; 9; 12; 18; 27; 36; 54; 68; 12; Composite 121: -1; 11; 121; 3; Composite 133: -1; 131; 2; Prime 2b. $41 + 23 + 19$ c. $41 + 7 + 7$ d. $23 + 17 + 13$ e. $73 + 13 + 13$ 3. Learners must guess the number. 4. 7: 1, 7; 2 14: 1, 2, 7, 14; 4 9: 1, 3, 9; 3 18: 1, 2, 3, 6, 9, 18; 6 15: 1, 3, 5, 15; 4 30: 1, 2, 3, 5, 6, 10, 15, 30; 8 45: 1, 5, 9, 45; 4 90: 1, 2, 3, 5, 6, 9, 10, 15, 18, 30, 45, 90; 12</p>
Worksheet 44a pages 118 - 119	Worksheet 44b pages 120 - 121
<p>1a. 57 groups. 1 object is left b. learners own picture c. $229 \div 4$ $200 \div 4 = 50$ $29 \div 4 = 7 \text{ rem } 1$ 2. 200; 0; learners own picture; $1\ 000 \div 5 = 200$ 1 250; 0 learners own picture; $10\ 000 \div 8 = 1\ 250$ 14 285; Learners own picture; $100\ 000 \div 7 = 14\ 285 \text{ rem } 5$ 83 333; 2; Learners own picture; $500\ 000 \div 6 = 83\ 333 \text{ rem } 2$</p>	<p>3a. 10 b. 50 000 c. $50\ 000 \times 10$ d. $500\ 000 \div 10$ e. 20 f. 25 000 g. $25\ 000 \times 20$ h. $500\ 000 \div 20$ 4a. 12 b. 20 000 c. $500\ 000 \div 40\ 000$</p>

Worksheet 45 pages 122 - 123	Worksheet 46 pages 124 - 125
<p>1a. 5 b. 3 c. 2 d. 2 e. 10 f. 6 g. 4 h. 3 2a. 11 b. 9 c. 60 d. 10 e. Yes 21 times, $840 \div 40 = 21$ f. 10 and 6 g. 30 h. 40 i. 5 j. 5 and 25 3a. 24 rem R9,50 b. 105 rows c. 110 packets d. 4 000 metres e. 250 f. 125 g. 500 h. 200 i. Learners own division sum 4a. 600; 500; 60; 50 ; 6; 5 b. 300; 250; 30; 25; 3; 2; rem 300 c. 360; 300; 36; 30; 3 rem 300; 3 d. 1 200; 1 000; 120; 100; 12; 10 e. 1 800; 1 500; 180; 150; 18; 15 f. 1 600; 1 333 rem 2; 160; 133 rem 20; 16; 13 rem 200 g. 1 300; 1 083 rem 2; 130; 108 rem 20; 13; 10 rem 500 h. 240; 200; 24; 20; 2 rem 200; 2</p>	<p>1a. 2, 3, 4, 5, 6, 7, 8, 9, 10, 12 b. 2, 3, 4, 5, 6, 8, 10, 11, 12 c. 2, 3, 4, 6, 7, 8, 9, 12 2a. 10 rem 8 b. 54 rem 46 3a. 30 rem 49 b. 57 rem 27 c. 30 rem 147 d. 63 rem 9 e. 47 rem 28 f. 24 rem 41</p>