

Level A1 Review Packet – ANSWERS

Decimal Addition & Subtraction	Decimal Multiplication & Division	Order of Operations	Fraction Addition & Subtraction	Fraction Multiplication and Division	Converting Fractions to Decimals & Percents
1. 21.897	1. 27.27	1. -66	1. $\frac{15}{14}$ or $1\frac{1}{14}$	1. $\frac{2}{7}$	1. 0.75, 75%
2. 25.34	2. 1.3286	2. 22	2. $\frac{19}{15}$	2. $\frac{2}{5}$	2. 0.8, 80%
3. 1.51	3. 1.91	3. 39	3. $\frac{23}{45}$	3. $\frac{18}{5}$ or $3\frac{3}{5}$	3. 0.375, 37.5%
4. 5.951	4. 0.04131	4. 60	4. $\frac{26}{5}$ or $5\frac{1}{5}$	4. $\frac{15}{2}$ or $7\frac{1}{2}$	4. 0.125, 12.5%
			5. $\frac{103}{24}$ or $4\frac{7}{24}$	5. $\frac{55}{24}$ or $2\frac{7}{24}$	Ordering Fractions
			6. $1\frac{11}{15}$	6. $\frac{7}{15}$	(1) $\frac{4}{7}$
			7. $5\frac{23}{24}$	7. $\frac{159}{16}$ or $9\frac{15}{16}$	(2) $\frac{1}{36}$
			8. $5\frac{9}{16}$	8. $\frac{94}{5}$ or $18\frac{4}{5}$	

Evaluating Expressions	Solving Equations	Solving Proportions	Solving Inequalities	Writing Expressions
1. 31	1. $x = -3$	1. $k = 12$	1. $x \leq 4$	1. $\frac{x}{2} - 6$
2. 52	2. $x = 4$	2. $x = 6$	2. $x \geq 1$	2. $x - 3$
3. 92	3. $x = -\frac{5}{3}$	3. $y = 16$	3. $x > 16$	3. $5k + 4$
4. 25	4. $x = \frac{5}{3}$	4. $z = 28$	4. $x > -\frac{1}{2}$	4. $9s - 3s$ or $6s$
	5. $x = 6$			
	6. $x = -25$			
	7. $x = 39$			
	8. $x = 8$			

Proportional Reasoning	Problems Involving Fractions	Problems Involving Percents
1. 45 oz.	1. $\frac{7}{10}$	1. 104 games
2. 225 calories	2. $2\frac{1}{8}$	2. 160 baskets
3. 60 minutes	3. $6\frac{3}{4}$	3. 15 gallons
4. $6\frac{1}{2}$ inches	4. $2\frac{3}{8}$	4. \$150
5. \$2.85	5. $9\frac{3}{8}$	5. 80 students
6. $1\frac{1}{3}$	6. $\frac{2}{15}$	6. 80%
	7. $\frac{3}{20}kg$	7. 40%
	8. $\frac{3}{5}m$	8. 64%
	9. $1\frac{5}{8}$	9. 75%
	10. 3 cups	10. 60%
	11. $6\frac{1}{4}$ inches	
	12. \$1500	