

Activity 12

P. 145

- 1. 23% 33% 62% 75%
- 2. 88% 110% 81% 135%
- 3. 25% 56% 23% 1,072%
- 4. 3% 58% 0.6% 33%
- 5. 0.37% 17% 100.1% 1,001%

20%	0.2	1/5
80%	0.8	4/5
15%	0.15	3/20
35%	0.35	7/20
42%	0.42	21/50

Activity 13

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- 1. False—70% True True
- 2. True False—0.666 True
- 3. True False—0.1666
False—0.875
- 4. False—50% False—0.8
False—0.10
- 5. 1/8 0.33 33 1/3%
- 6. 1 1/20 0.550 55%
- 7. 7/8 0.833 83%
- 8. 1 1/25 0.44 44%

Percent (page 81)

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- 1. 20%
- 2. 25%
- 3. 30%
- 4. 40%
- 5. 5%
- 6. 5%
- 7. 80%
- 8. 80%
- 9. 10%
- 10. 100%
- 11. 62.5%
- 12. 40%
- 13. 15%
- 14. 8%
- 15. 6%
- 16. 7%
- 17. 11%
- 18. 88%
- 19. 63%
- 20. 28%

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More Fractions, Decimals, and Percents (page 89)

	Percent	Decimal	Fraction		Percent	Decimal	Fraction
1.	45%	0.45	9/20	15.	50%	0.5	1/2
2.	210%	2.1	2 1/10	16.	44%	0.44	11/25
3.	0.4%	0.004	4/1000	17.	44%	0.44	4/9
4.	12.3%	0.123	123/1000	18.	75%	0.75	3/4
5.	30%	0.3	3/10	19.	9%	0.09	9/100
6.	33 1/3%	0.33	1/3	20.	80%	0.8	4/5
7.	12.5%	0.125	1/8	21.	1.5%	0.015	3/200
8.	1%	0.01	1/100	22.	78%	0.78	39/50
9.	9%	0.09	1/11	23.	28%	0.28	7/25
10.	14%	0.14	7/50	24.	95%	0.95	19/20
11.	87.5%	0.875	7/8	25.	32%	0.32	8/25
12.	66 2/3%	0.66	2/3	26.	18%	0.18	9/50
13.	16 2/3%	0.16	1/6	27.	98%	0.98	49/50
14.	25%	0.25	1/4	28.	20%	0.2	1/5

Ordering Decimals, Percents, and Fractions (page 52)

- 5, 5 1/4, 5.5, 560%
- 4 1/2, -4, 0, 4, 435%
- 1/4, 35%, 0.4, 1/2
- 2, 0.2, 25%, 2/3, 1 1/8
- 4.8, -2 3/4, -2.55, -2 1/2, -2.45
- 61%, 2/3, 0.7, 3/4

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Percent of a Number (page 14)

- 4
- 245
- 750
- 5
- 16
- 24 mL
- 5 mL
- 138
- 23
- 95
- 15
- 108
- 100
- 20
- \$8.00
- 15

p. 150

Activity 54

- 27 13.2 13.33
- 38 26.64 6.6
- 50 37.8 15.41
- 63 56.64 34.76
- 77 71.28 53.3
- 92 75.19 80.84
- 245 people

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Activity 55

- \$6.00 \$29.75 \$36.00
- \$9.75 \$24.00 \$42.75
- \$14.00 \$18.75 \$52.50
- \$25.50 \$44.00 \$45.00
- \$22.75 \$30.00 \$35.75
- \$18.00 \$18.00 \$24.50
- Yes, the 20% discount would result in a price of \$120.00. The 25% discount would result in a price of \$135.00.

Discounts (page 55)

- \$27.20
- \$56.25
- \$5.40
- \$25.20
- \$6
- \$37.50
- \$2
- \$28
- \$157.35
- No, it is less than 55%. Possible Answer: 30% off \$100 is \$70.00. 25% off \$70 is \$52.50. 55% off \$100 is \$45.00. \$45.00 < \$52.50

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