

ANSWERS

In addition to the answer, we have provided a difficulty rating for each problem. Our scale is 1-7, with 7 being the most difficult. These are only approximations, and how difficult a problem is for a particular student will vary. Below is a general guide to the ratings:

Difficulty 1/2/3 - One concept; one- to two-step solution; appropriate for students just starting the middle school curriculum.

4/5 - One or two concepts; multistep solution; knowledge of some middle school topics is necessary.

6/7 - Multiple and/or advanced concepts; multistep solution; knowledge of advanced middle school topics and/or problem-solving strategies is necessary.

Warm-Up 1

Answer	Difficulty	Answer	Difficulty
1. 200	(1)	6. 88	(2)
2. 59	(2)	7. 7	(2)
3. 1080	(3)	8. 277	(2)
4. 31.68	(2)	9. 13	(3)
5. 8	(3)	10. -800	(4)

Warm-Up 2

Answer	Difficulty	Answer	Difficulty
11. 1	(1)	16. 20	(5)
12. 2	(2)	17. 6	(2)
13. 12	(2)	18. 113	(3)
14. 5/3	(3)	19. 225	(4)
15. 36,300	(3)	20. 16/47	(4)

Warm-Up 3

Answer	Difficulty	Answer	Difficulty
21. 4	(2)	26. 81	(4)
22. 223,200	(2)	27. 7.5	(4)
23. 1/6	(4)	28. 9	(3)
24. 20	(4)	29. 107	(5)
25. 1/3	(5)	30. 10	(4)

Workout 1

Answer	Difficulty	Answer	Difficulty
31. 3.6	(2)	36. 7.2	(3)
32. 28	(2)	37. 32.6	(4)
33. 64.5	(3)	38. 5	(4)
34. 1.45	(5)	39. 1×10^9	(4)
35. 13	(2)	40. 12	(4)

Workout 2

Answer	Difficulty	Answer	Difficulty
41. 6	(3)	46. 16.4	(3)
42. 19.2	(4)	47. 0.8	(2)
43. 5 or 5.00	(3)	48. 40	(3)
44. 42.9	(4)	49. 72	(4)
45. 2.70	(4)	50. 1*	(3)

Warm-Up 4

Answer	Difficulty	Answer	Difficulty
51. 50	(2)	56. 5940	(3)
52. $18\frac{1}{3}$	(2)	57. 55	(4)
53. red	(2)	58. 48	(4)
54. 8	(5)	59. 550	(5)
55. 259	(4)	60. 20	(4)

* The plural form of the units is always provided in the answer blank, even if the answer appears to require the singular form of the units.