

Math Sheet

Name _____ Score _____ / 20 Teacher _____ Date _____

Add and Subtract with Significant Figures

Calculate exactly, then round once to the least precise decimal place.

Half even: an exact tie goes to an even last digit.

Whole-number trailing zeroes without a decimal mark do not count on this sheet. Scientific notation makes intended precision explicit.

1. $1.20 + 2.30 + 4.005$

2. $89.29 + 65.104 + 42.61$

3. $53.055 - 1.00$

4. $31.221 + 33.1 + 17.64$

5. $97.093 - 70.7$

6. $12.626 + 39.6085 + 55.1342$

7. $58.15 + 0.005$

8. $87.1429 + 29.81 + 44.2540$

9. $99.9999 + 0.0001$

10. $69.9 - 21.9$

11. $90.6564 - 32.462$

12. $22.28 + 15.5331 + 17.81$

13. $74.91 + 1.4$

14. $6.5 + 75.756$

15. $31.0365 - 15.76$

16. $21.4430 + 12.17$

17. $35.645 + 40.7 + 93.1$

18. $70.8552 + 79.62$

19. $84.20 + 16.7$

20. $44.30 - 20.341$

Math Sheet

Name _____ Score _____ / 20 Teacher _____ Date _____

Add and Subtract with Significant Figures

Answer key

Calculate exactly, then round once to the least precise decimal place.

Half even: an exact tie goes to an even last digit.

Whole-number trailing zeroes without a decimal mark do not count on this sheet. Scientific notation makes intended precision explicit.

1. $1.20 + 2.30 + 4.005$

Target place: -2

7.50

2. $89.29 + 65.104 + 42.61$

Target place: -2

197.00

3. $53.055 - 1.00$

Target place: -2

52.06

4. $31.221 + 33.1 + 17.64$

Target place: -1

82.0

5. $97.093 - 70.7$

Target place: -1

26.4

6. $12.626 + 39.6085 + 55.1342$

Target place: -3

107.369

7. $58.15 + 0.005$

Target place: -2

58.16

8. $87.1429 + 29.81 + 44.2540$

Target place: -2

161.21

9. $99.9999 + 0.0001$

Target place: -4

100.0000

10. $69.9 - 21.9$

Target place: -1

48.0

11. $90.6564 - 32.462$

Target place: -3

58.194

12. $22.28 + 15.5331 + 17.81$

Target place: -2

55.62

13. $74.91 + 1.4$

Target place: -1

76.3

14. $6.5 + 75.756$

Target place: -1

82.3

15. $31.0365 - 15.76$

Target place: -2

15.28

16. $21.4430 + 12.17$

Target place: -2

33.61

17. $35.645 + 40.7 + 93.1$

Target place: -1

169.4

18. $70.8552 + 79.62$

Target place: -2

150.48

19. $84.20 + 16.7$

Target place: -1

100.9

20. $44.30 - 20.341$

Target place: -2

23.96