Adding and Subtracting in Scientific Notation

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Add or subtract.

1. (1.2 x 102) + (5.7 x 102) \_\_\_\_\_\_\_\_\_\_\_\_\_\_ 2. (6.7 x 10 5) – (2.3 x 102) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3. (5 x $10^{-4}$) + ( 9.5 x $10^{-4}$) \_\_\_\_\_\_\_\_\_\_\_\_ 4. (8.6 x 108) – (7 x 106) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5. (6.3 x 100) – ( 5 x $10^{-2}$) \_\_\_\_\_\_\_\_\_\_\_\_ 6. (9.64 x 101) + (8.2 x 102) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

7. (7 x $10^{-3}$) + (8 x $10^{-1}$) \_\_\_\_\_\_\_\_\_\_\_\_\_\_

8. It is about 1.62 x 106 miles from Venus to the Earth. It is about 5.4 x 107 from Earth to Mars. How far is it total from Venus to Earth then Earth to Mars? Write your answer in scientific notation.

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Adding and Subtracting in Scientific Notation

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Add or subtract.

1. (1.2 x 102) + (5.7 x 102) \_\_\_\_\_\_\_\_\_\_\_\_\_\_ 2. (6.7 x 10 5) – (2.3 x 102) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3. (5 x $10^{-4}$) + ( 9.5 x $10^{-4}$) \_\_\_\_\_\_\_\_\_\_\_\_ 4. (8.6 x 108) – (7 x 106) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5. (6.3 x 100) – ( 5 x $10^{-2}$) \_\_\_\_\_\_\_\_\_\_\_\_ 6. (9.64 x 101) + (8.2 x 102) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

7. (7 x $10^{-3}$) + (8 x $10^{-1}$) \_\_\_\_\_\_\_\_\_\_\_\_\_\_

8. It is about 1.62 x 106 miles from Venus to the Earth. It is about 5.4 x 107 from Earth to Mars. How far is it total from Venus to Earth then Earth to Mars? Write your answer in scientific notation.

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Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Add or subtract.

1. (1.2 x 102) + (5.7 x 102) = 6.9 x 102 2. (6.7 x 10 5) – (2.3 x 102) = 6.6977 x 105

3. (5 x $10^{-4}$) + ( 9.5 x $10^{-4}$) = 1.45 x $10^{-3}$ 4. (8.6 x 108) – (7 x 106) = 8.53 x 108

5. (6.3 x 100) – ( 5 x $10^{-2}$) = 6.25 x 100 6. (9.64 x 101) + (8.2 x 102) = 9.164 x 102

7. (7 x $10^{-3}$) + (8 x $10^{-1}$) = 8.07 x $10^{-1}$

8. It is about 1.62 x 106 miles from Venus to the Earth. It is about 5.4 x 107 from Earth to Mars. How far is it total from Venus to Earth then Earth to Mars? Write your answer in scientific notation.

5.562 x 107

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Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Add or subtract.

1. (1.2 x 102) + (5.7 x 102) \_\_\_\_\_\_\_\_\_\_\_\_\_\_ 2. (6.7 x 10 5) – (2.3 x 102) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3. (5 x $10^{-4}$) + ( 9.5 x $10^{-4}$) \_\_\_\_\_\_\_\_\_\_\_\_ 4. (8.6 x 108) – (7 x 106) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5. (6.3 x 100) – ( 5 x $10^{-2}$) \_\_\_\_\_\_\_\_\_\_\_\_ 6. (9.64 x 101) + (8.2 x 102) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

7. (7 x $10^{-3}$) + (8 x $10^{-1}$) \_\_\_\_\_\_\_\_\_\_\_\_\_\_

8. It is about 1.62 x 106 miles from Venus to the Earth. It is about 5.4 x 107 from Earth to Mars. How far is it total from Venus to Earth then Earth to Mars? Write your answer in scientific notation.

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