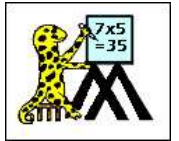


Name _____

Date _____



ROUNDING UP TO 2 SIGNIFICANT FIGURES SHEET 1

Round these numbers to 1 significant figure (1sf)

- 1) 172 → 200 2) 74 → _____ 3) 128 → _____
 4) 583 → _____ 5) 3182 → _____ 6) 4621 → _____
 7) 27.38 → _____ 8) 1.827 → _____ 9) 73.62 → _____
 10) 1627 → _____ 11) 3.821 → _____ 12) 52.7 → _____
 13) 0.028 → _____ 14) 0.172 → _____ 15) 8096 → _____

Round these numbers to 2 significant figures (2sf)

- 1) 172 → 170 2) 127 → _____ 3) 609 → _____
 4) 442 → _____ 5) 2187 → _____ 6) 3019 → _____
 7) 12.6 → _____ 8) 31.25 → _____ 9) 80.62 → _____
 10) 4.282 → _____ 11) 3.092 → _____ 12) 2.038 → _____
 13) 0.256 → _____ 14) 0.723 → _____ 15) 0.066 → _____

Write the numbers below in the correct place - each number can go in one box, both boxes, or neither box.

Rounds to 10 to 1sf	Rounds to 15 to 2sf
12	

~~12~~ 14.8 7.25 15.9 15.3 13.4 14 14.5 16



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ROUNDING UP TO 2 SIGNIFICANT FIGURES

SHEET 1 ANSWERS

Round these numbers to 1 significant figure

- 1) 172 → 200 2) 74 → 70 3) 128 → 100
 4) 583 → 600 5) 3182 → 3000 6) 4621 → 5000
 7) 27.38 → 30 8) 1.827 → 2 9) 73.62 → 70
 10) 1627 → 2000 11) 3.821 → 4 12) 52.7 → 50
 13) 0.028 → 0.03 14) 0.172 → 0.2 15) 8096 → 8000

Round these numbers to 2 significant figures

- 1) 172 → 170 2) 127 → 130 3) 609 → 610
 4) 442 → 440 5) 2187 → 2200 6) 3019 → 3000
 7) 12.6 → 13 8) 31.25 → 31 9) 80.62 → 81
 10) 4.282 → 4.3 11) 3.092 → 3.1 12) 2.038 → 2.0
 13) 0.256 → 0.26 14) 0.723 → 0.72 15) 0.066 → 0.066

Write the numbers below in the correct place - each number can go in one box, both boxes, or neither box.

Rounds to 10 to 1sf					Rounds to 15 to 2sf			
12	<u>14.8</u>	<u>13.4</u>	<u>14</u>	<u>14.5</u>	<u>14.8</u>	<u>15.3</u>	<u>14.5</u>	

~~12~~ 14.8 7.25 15.9 15.3 13.4 14 14.5 16

