1)

$130 ÷ \mathbf{10} = 13$ $6.5 × 10 = \mathbf{65}$

$130 ÷ \mathbf{20} = 6.5$ $\mathbf{130} = 6.5 × 20$

$130 ÷ \mathbf{5} = 26$ $\mathbf{13} = 6.5 × 2$

2)

$110 ÷ 2 = 55$ $27.5 × 4 = \mathbf{110}$

$110 ÷ 4 = \mathbf{27.5}$ $110 = \mathbf{27.5} × 4$

$110 ÷ 8 = \mathbf{13.75}$ $55 = \mathbf{13.75} × 4$

3) *Show that we know the answer to 17 × 289 = 4913, so we only need to complete the calculation 4913 + 289 to find that 18 × 289 = 5202.*

1)

	True or False?	Correct Answer	Mistakes Made
$660 ÷ 1.2 = 550$	*True*		
$5.5 × 12 = 6.6$	*False*	*66*	*55 × 12 = 660* *In 5.5 × 12 = 6.6, the 5.5 is ten times smaller so the answer will be ten times smaller (66).*
$5.5 × 1.2 = 0.66$	*False*	*6.6*	*55 × 12 = 660* *In 5.5 × 1.2 = 6.6, both numbers are ten times smaller so the answer will be one hundred times smaller (6.6).*
$66 ÷ 12 = 5.5$	*True*		
$120 × 55 = 660$	*False*	*6600*	*55 × 12 = 660* *In 120 × 55 = 660, the 120 is ten time greater than the 12 so the answer will be ten times greater (6600).*

2)

    a) *30 × 5 = 150 star jumps.*

    b) *50 is ten times greater than 5, so the answer will be ten times greater than 150. He will have done 1500 star jumps.*

    c) *4500 is three times 1500. I know that 1500 star jumps takes 50 days, so 4500 star jumps will take 150 days (3 × 150).*

1)

		61	67	37	13.25	99	15.5
		57	36	9.9	88	14.25	88
60	59	58	14	15.75	26	55	5
22	20	21	13.5	14.75	27	54	4
9	8	6.75	29.5	28.5	28	53	118
7	6	6.5	30	83	2.5	1.5	2
57	12.25	7.5	11.5	117	33		
8.4	69	2.25	20.25	99	77		

270 ÷ 10 = **27** 118 ÷ **4** = 29.5 13 = 6.5 × **2**

270 ÷ 20 = **13.5** 118 ÷ **8** = 14.75 **29.5** × 4 = 118

270 ÷ 5 = **54** **6.75** × 40 = 270 **118** = 29.5 × 4

118 ÷ 2 = **59** 130 = 6.5 × **20** 59 = **14.75** × 4