

Achievement – Simplify each ratio as much as possible. The final ratio should consist of whole

64 : 4	231.	200 : 500	232.	6:8:20	233.	12:27:9
15 m : 25 m	235.	100 mL : 5 L	236.	0.5 m : 3 m	237.	8:12:20
20:12:4:2	239.	50 g : 1.5 kg	240.	10 mm : 1 km	241.	450 kg : 1.5T
					and the second s	
2:7 = 10: w	243.	4:0.5=x:18	244.	18 : 7 = 6 : y	245.	3:9=4:z
			248.	Divide \$128 in the ratio 35 : 55	249.	Divide 5 L in the ratio 19 : 1
Split 5.2 m in the ratio 3 : 6 : 4	251.	Split \$35.80 in the ratio 5 : 3 : 8 : 4	252.	Divide \$17.60 in the ratio 3:5	253.	Divide \$143 in the ratio 6 : 5 : 2
Two students work after school to clear a building site. Alysia works a total of 15 hours and Barbara works 10 hours. They get paid \$240 in total. How much should each student get?			255. Three friends Clare, Dennis and Elliot contribute \$16, \$12 and \$20 respectively towards the cost of an antique. They then sell the antique for a profit of \$80. How much profit should each friend get?			
	15 m: 25 m  20: 12: 4: 2  he unknown variab 2: 7 = 10: w  each quantity in the ratio 3: 5  Split 5.2 m in the ratio 3: 6: 4  Two students work building site. Alysiand Barbara works \$240 in total. How	235.  20:12:4:2  239.  Two students work after soluilding site. Alysia work and Barbara works 10 hou \$240 in total. How much s	235. 100 mL:5 L  20:12:4:2  239. 50 g:1.5 kg  he unknown variable.  2: 7 = 10: w  243. 4: 0.5 = x:18  each quantity in the given ratio.  Share \$32 in the ratio 3:5  Split 5.2 m in the ratio 15:5  Split 5.2 m in the ratio 5:3:8:4  Two students work after school to clear a building site. Alysia works a total of 15 hours and Barbara works 10 hours. They get paid \$240 in total. How much should each student	235. 100 mL:5 L  236.  20:12:4:2  239. 50 g:1.5 kg  240.  241.  239. 242.  241.  242.  243. 4:0.5 = x:18  244.  244.  245.  246.  246.  247. Split 40 L in the ratio 3:5  251. Split \$35.80 in the ratio 5:3:8:4  252.  253. 100 mL:5 L  245.  246.  246.  247. Split 40 L in the ratio 5:5  248.  259.  250.  251. Split \$35.80 in the ratio 5:3:8:4  252.  253. Two students work after school to clear a building site. Alysia works a total of 15 hours and Barbara works 10 hours. They get paid \$240 in total. How much should each student	235. 100 mL:5 L  236. 0.5 m:3 m  20:12:4:2  239. 50 g:1.5 kg  240. 10 mm:1 km  22: 7 = 10: w  243. 4: 0.5 = x:18  244. 18: 7 = 6: y  248. Divide \$128 in the ratio 3:5:5  Split 5.2 m in the ratio 5: 3:8:4  251. Split \$35.80 in the ratio 5: 3:8:4  252. Divide \$17.60 in the ratio 3:5  Two students work after school to clear a building site. Alysia works a total of 15 hours and Barbara works 10 hours. They get paid \$240 in total. How much should each student	235. 100 mL: 5 L  236. 0.5 m: 3 m  237.  20: 12: 4: 2  239. 50 g: 1.5 kg  240. 10 mm: 1 km  241.  241.  242. 18: 7 = 6: y  243. 4: 0.5 = x: 18  244. 18: 7 = 6: y  245.  246. Divide \$128 in the ratio 3: 5: 5  247. Split 40 L in the ratio 15: 5  248. Divide \$128 in the ratio 35: 55  249. Two students work after school to clear a building site. Alysia works a total of 15 hours and Barbara works 10 hours. They get paid \$240 in total. How much should each student

- **256.** Two people enter into a partnership. One contributes \$20 000 and the other \$30 000. How should a profit of \$8500 be shared between them?
- 257. One person puts in \$2160 and another \$900 as part of an investment. How should a profit of \$680 from the investment be shared between them based on their contributions?