





Make memories that will last a lifetime



$$2x^2 = 5^2 + 5^2 + 5^2 + 6^2 + 6^2 + 6^2 + 6^2 + 8^2 + 8^2 + 8^2 + 8^2 + 12^2 + 12^2 + 12^2 + 12^2 + 12^2 + 12^2 + 13^2 + 13^2 + 13^2 + 15^2 + 15^2 + 15^2 + 15^2 + 16^2 + 16^2 + 16^2 + 20^2 + 20^2 + 20^2 + 20^2 + 20^2 + 20^2 + 25^2 + 25^2 + 25^2 + 25^2 + 25^2 + 25^2 + 25^2 + 25^2 + 32^2 + 32^2 + 32^2 + 35^2 + 35^2 + 35^2 + 40^2 + 40^2 + 40^2 + 45^2 + 45^2 + 45^2 + 45^2 + 75^2 + 75^2$$

$$3x^2 = 25 + 25 + 25 + 36 + 36 + 36 + 36 + 64 + 64 + 64 + 64 + 144 + 144 + 144 + 144 + 144 + 144 + 169 + 169 + 169 + 225 + 225 + 225 + 225 + 256 + 256 + 256 + 400 + 400 + 400 + 400 + 400 + 400 + 625 + 625 + 625 + 625 + 625 + 625 + 625 + 625 + 625 + 625 + 1,024 + 1,024 + 1,225 + 1,225 + 1,225 + 1,225 + 1,600 + 1,600 + 1,600 + 5,625 + 5,625 \quad 3x^2 = 35,029$$

$$s^2 = \frac{\sum x^2 - (\sum x)^2}{n}$$

$$35,029 = \frac{232,324}{55}$$

$$\frac{35,029 - 4,224}{54} = \sqrt{570.46}$$

$$(482)^2 = 232,324$$

$$s^2 = 570.46$$

$$s = 23.88$$

$$P_{30} = \frac{30(55)}{100} = 16.5 = 17 = \underline{12.1}$$

$$P_{55} = \frac{55(55)}{100} = 30.25 \rightarrow 20$$

$$P_{75} = \frac{75(55)}{100} = 41.25 \rightarrow$$

$$30\% = 12$$

$$55\% = 20$$

$$75\% = 25$$

GLORIA

date 23/01

