

M8 = 21 days to go!

3 John has six shirts, eight ties and five cravats.

John is going out to dinner and he must choose a shirt **and** either a tie or a cravat to wear.

How many different combinations has John got to choose from?

Answer _____ [3]

9 Evaluate

(a) $16^{\frac{3}{4}}$

Answer _____ [1]

(b) $\frac{81^{\frac{1}{2}} - 125^{\frac{1}{3}}}{100^{-0.5}}$

Answer _____ [3]