M8 = 21 days to go!

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

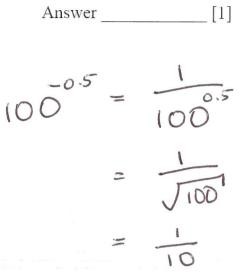
John is going out to dinner and he must choose a shirt and either a tie or a cravat to wear.

How many different combinations has John got to choose from?

shirt + Gravat 8 x 5 40 combinations Answer <u>88 combinations</u> [3] Shirt + Tie 6 × 8 48 combinations

9 Evaluate
(a)
$$16^{\frac{3}{4}}$$
 $(16^{\frac{1}{4}})^3 = 2^3 = 8$

(b)
$$\frac{81^{\frac{1}{2}} - 125^{\frac{1}{3}}}{100^{-0.5}}$$
$$= \frac{\sqrt{81} - \sqrt{125}}{(\frac{1}{10})}$$



Answer <u>40</u> [3]

9 - 5 $(\frac{1}{10})$ هین حورہ

4 -= 40