

. To make an orange dye, 3 parts of red dye are mixed with 2 parts of yellow dye. To make a green dye, 2 parts of blue dye are mixed with 1 part of yellow dye. If equal amounts of green and orange are mixed, what is the proportion of yellow dye in the new mixture?

- (a) $3/16$
- (b) $1/4$
- (c) $11/30$
- (d) $3/8$
- (e) $7/12$