

(9) Divide \$2640.50 among 4 men, 6 women and 8 children, giving to each man double a woman's share, and each woman three times a child's share.

(10) A father earns \$5 while his son earns \$3. When they have together earned \$1098.32, how much will belong to each?

Exercise XXXIX.—CANCELLATION.

A.

What is the quotient of:

- (1) $42 \times 13 \times 6 \times 22$ divided by $4 \times 6 \times 7 \times 13$?
- (2) $5 \times 22 \times 12 \times 21 \times 42$ divided by $10 \times 4 \times 27 \times 22$?
- (3) $25 \times 18 \times 60 \times 49$ divided by $7 \times 24 \times 75$?
- (4) $56 \times 54 \times 60 \times 63 \times 4$ divided by $72 \times 70 \times 48 \times 9$?
- (5) $25 \times 24 \times 22 \times 21 \times 26 \times 32 \times 28 \times 33$

$$\frac{55 \times 20 \times 84 \times 39 \times 14 \times 44 \times 96}{}$$

$$(6) \frac{36 \times 38 \times 39 \times 40 \times 42 \times 44 \times 45 \times 49 \times 150}{30 \times 30 \times 57 \times 78 \times 70 \times 24 \times 99 \times 35 \times 4}$$

$$(7) \frac{50 \times 51 \times 54 \times 56 \times 55 \times 58 \times 60 \times 63 \times 64 \times 4}{40 \times 40 \times 85 \times 27 \times 48 \times 88 \times 29 \times 84 \times 45}$$

$$(8) \frac{12 \times 13 \times 14 \times 15 \times 16 \times 35 \times 20 \times 21 \times 22 \times 24}{39 \times 56 \times 40 \times 30 \times 70 \times 33 \times 48}$$

$$(9) \frac{21 \times 20 \times 22 \times 24 \times 25 \times 26 \times 27 \times 28 \times 30 \times 32 \times 33 \times 35}{70 \times 14 \times 33 \times 72 \times 45 \times 65 \times 70 \times 12 \times 88 \times 60}$$

(10) At what price per yard will 15 bales of cloth, each containing 12 pieces of 42 yards each, pay for 150 rolls of carpet of 75 yards each at \$2.10 per yard?

B.

(1) What must be the length of a box 6 ft. wide and 4 ft. high to hold $1\frac{1}{2}$ cords of wood?

(2) Divide the continued product of 16, 18, 25, 24, 36 and 45, by the continued product of 100, 72 and 27.