

- 1) June has 8 pairs of shoes and 12 pairs of sandals. If she arranges them in a shelf and puts exactly the same number of pairs on each rack, how many pairs would possibly go into one rack?

- 2) Britney takes her piano lesson every 3 days. Leana's lesson is every 4 days. If Britney and Leana have lessons today, after how many days will they both have lessons on the same day?

- 3) Hayley works at Li morning. She wants such a way that each carton. How many cartons

PREVIEW

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and 105 apples in the baskets as possible and in the baskets of apples and pears.

- 4) A tailor bought two rolls of fabric. He measured the rolls into several pieces of equal length of each piece.

is fortunate. He wants to cut them into the greatest possible

- 5) Zak and May are fighting the college elections. The committee has allowed them 45 days to campaign. Zak campaigns every 9 days, and May conducts her campaigns every 12 days. If they both start their campaigns on the same day, after how many days will Zak and May campaign together again?

GCF and LCM - Word Problems

1) June has 8 pairs of shoes and 12 pairs of sandals. If she arranges them in a shelf and puts exactly the same number of pairs on each rack, how many pairs would possibly go into one rack?

4 pairs

2) Britney takes her piano lesson every 3 days. Leana's lesson is every 4 days. If Britney and Leana have lessons today, after how many days will they both have lessons on the same day?

1

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6 yards

5) Zak and May are fighting the college elections. The committee has allowed them 45 days to campaign. Zak campaigns every 9 days, and May conducts her campaigns every 12 days. If they both start their campaigns on the same day, after how many days will Zak and May campaign together again?

36 days
