

PENJUMLAHAN PECAHAN

Perhatikan cara penjumlahan pecahan pada video berikut!



KPK

KPK dari 12 dan 16 adalah ...
 Cara Mencari

1. Kelipatan 12 adalah 12, 24, **48**, 60, 72, 84, **96**, ...
2. Kelipatan 16 adalah 16, 32, **48**, 64, 80, **96**, ...

Kelipatan bersama dari 12 dan 16 adalah 48, 96, ...
 Jadi, KPK dari 12 dan 16 adalah 48.

Penjumlahan Pecahan

Contoh
 $\frac{2}{3} + \frac{1}{4} = \dots$

Penyelesaian
 $\frac{2}{3} + \frac{1}{4} = \dots$

Mencari KPK dari 3 dan 4.
 Kelipatan 3 adalah 3, 6, 9, **12**, 15, 18, 21, **24**, ...
 Kelipatan 4 adalah 4, 8, **12**, 16, 20, **24**, ...
 KPK dari 3 dan 4 adalah 12.

Jadi, $\frac{2}{3} + \frac{1}{4} = \frac{2 \times 4}{12} + \frac{1 \times 3}{12} = \frac{8}{12} + \frac{3}{12} = \frac{11}{12}$

Contoh:

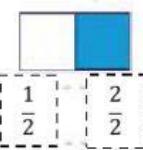
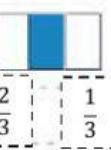
$\frac{2}{3} + \frac{1}{5} = \frac{10}{15} + \frac{3}{15} = \frac{13}{15}$

Diagram details:
 - Two rectangles are shown. The first is divided into 3 equal vertical columns, with the first two shaded yellow. The second is divided into 5 equal horizontal rows, with the first row shaded yellow.
 - Labels indicate the fractions: $\frac{2}{3}$ and $\frac{1}{5}$.
 - Operations are labeled: "kali" (multiply) and "bagi" (divide).
 - Equations show the conversion: $15 : 3 = 5 \times 2 = 10$ and $15 : 5 = 3 \times 1 = 3$.
 - A callout box contains:
 - Kelipatan 3 = 3, 6, 9, 12, **15**, 18
 - Kelipatan 5 = 5, 10, **15**

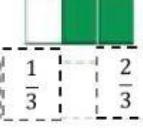
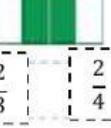
Perhatikan gambar pecahan berikut ini!

Tuliskan cara pengeraaan soal seperti contoh di atas di buku tulismu. (coret-coretananya).

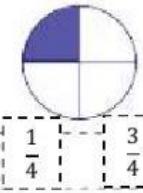
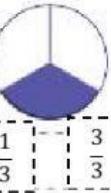
Kemudian isikan hasilnya dengan memilih jawaban yang benar.

1.  +  = 

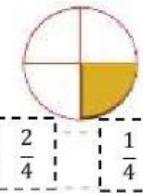
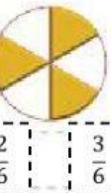
$$\frac{1}{2} + \frac{2}{2} + \frac{2}{3} + \frac{1}{3} = \frac{5}{6} + \frac{2}{5}$$

2.  +  = 

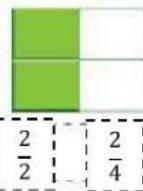
$$\frac{1}{3} + \frac{2}{3} + \frac{2}{3} + \frac{2}{4} = \frac{12}{14} + \frac{14}{12}$$

3.  +  = 

$$\frac{1}{4} + \frac{3}{4} + \frac{1}{3} + \frac{3}{3} = \frac{7}{12} + \frac{21}{12}$$

4.  +  = 

$$\frac{2}{4} + \frac{1}{4} + \frac{2}{6} + \frac{3}{6} = \frac{9}{12} + \frac{6}{12}$$

5.  +  = 

$$\frac{2}{2} + \frac{2}{4} + \frac{4}{8} + \frac{4}{6} = \frac{8}{8} + \frac{8}{32}$$

Tuliskan cara pengeraaan soal seperti contoh di atas di buku tulismu. (coret-coretananya).

Kemudian isikan hasilnya dengan cara menarik pilihan jawaban yang benar ke kotak isian!

1. $\frac{2}{8} + \frac{4}{8} = \dots$
2. $\frac{2}{7} + \frac{1}{2} = \dots$
3. $\frac{2}{5} + \frac{5}{6} = \dots$
4. $\frac{2}{7} + \frac{2}{3} = \dots$
5. $\frac{4}{9} + \frac{1}{3} = \dots$

PILIHAN JAWABAN
$\frac{20}{21}$
$\frac{7}{9}$
$\frac{6}{8}$
$\frac{37}{30}$
$\frac{11}{14}$