



KELAS VI

# **MENGUBAH BENTUK PECAHAN**

## **KE DESIMAL**

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# Mengubah ke bentuk desimal

Pecahan  
Biasa

Pecahan  
Campuran

Persen

Pecahan  
Desimal



The background is a light green color with several decorative elements: two dark blue books with white speckles and yellow covers, one in the top left and one in the bottom left; several hand-drawn grey stars of varying sizes; and a few small colored dots (red, white, orange) scattered across the page.

**PECAHAN  
BIASA**

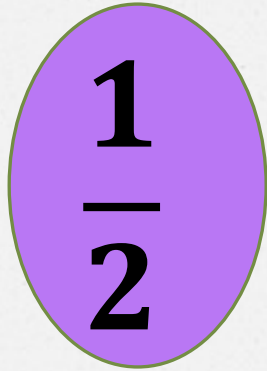


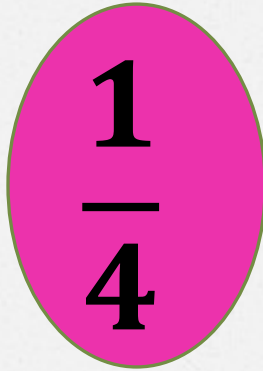
**DESIMAL**

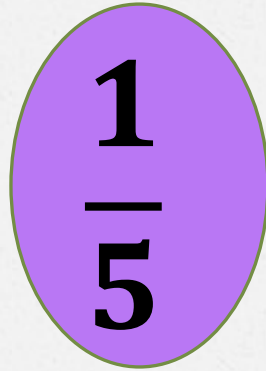
**MASIH INGAT  
PENYEBUT-PENYEBUT  
ISTIMEWA ?**

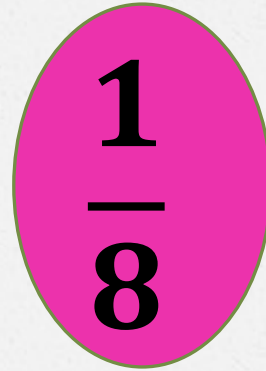


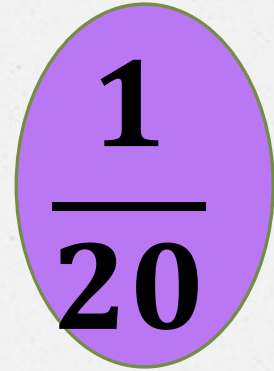
**Yaitu penyebut-penyebut  
yang bisa diubah menjadi  
10, 100 atau 1000**

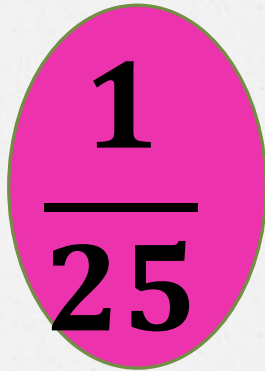

$$\frac{1}{2}$$

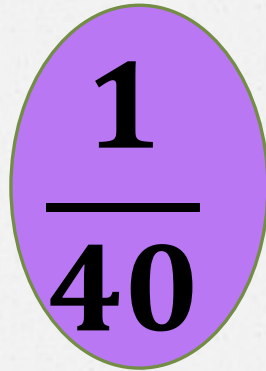

$$\frac{1}{4}$$

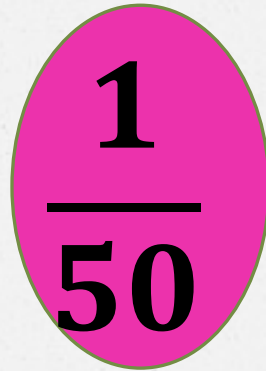

$$\frac{1}{5}$$

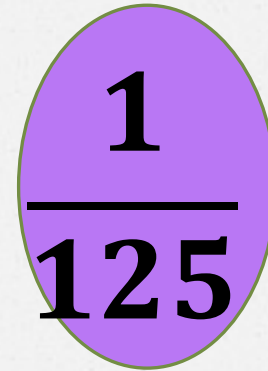

$$\frac{1}{8}$$


$$\frac{1}{20}$$

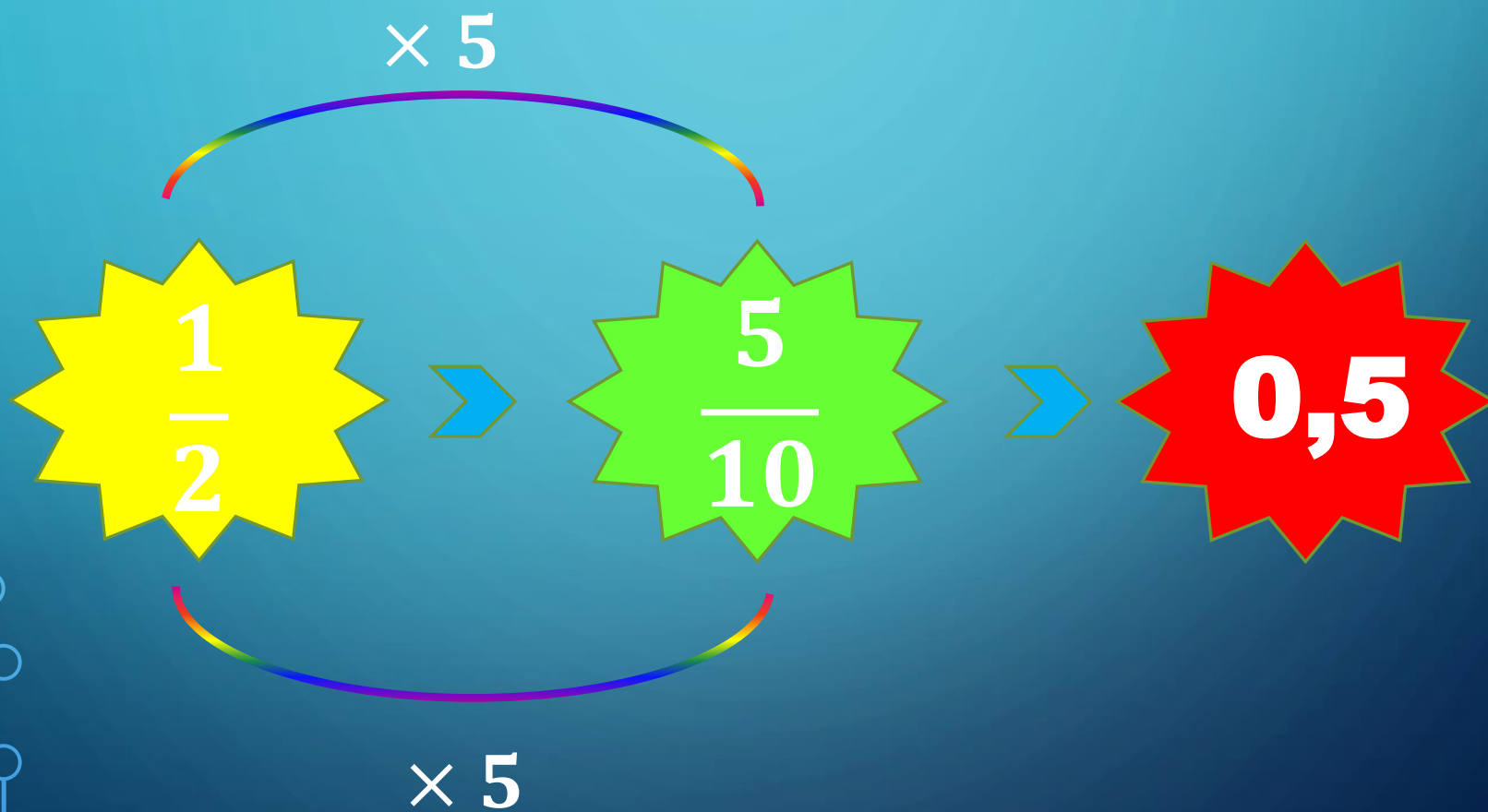

$$\frac{1}{25}$$


$$\frac{1}{40}$$


$$\frac{1}{50}$$


$$\frac{1}{125}$$

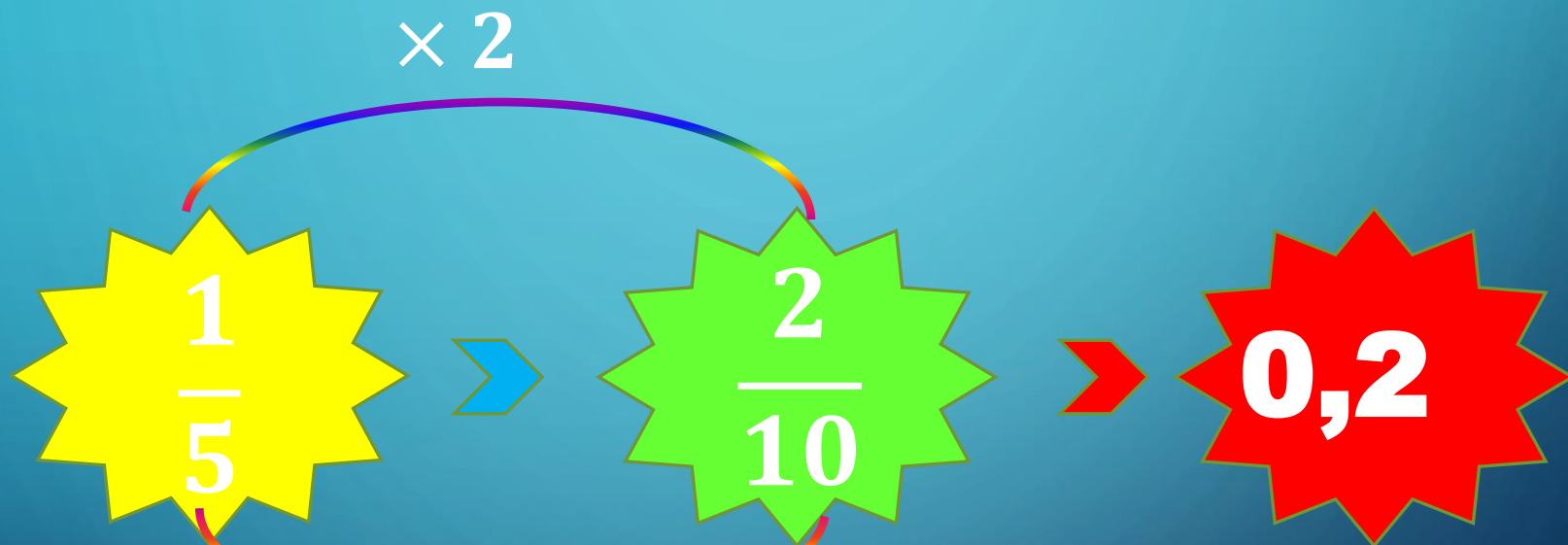
$$2\frac{1}{2} = 2\frac{5}{10} = 2,5$$



$$1\frac{1}{4} = 1\frac{25}{100} = 1,25$$



$$3\frac{1}{5} = 3\frac{2}{10} = 3,2$$

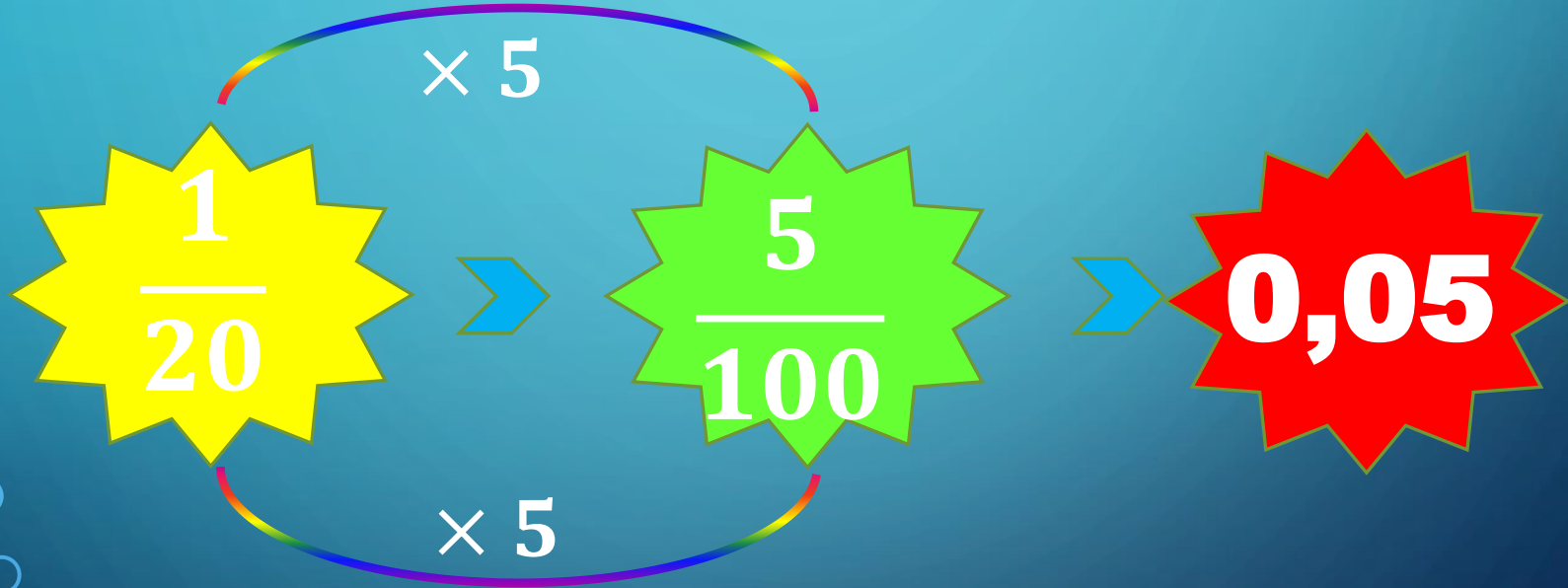




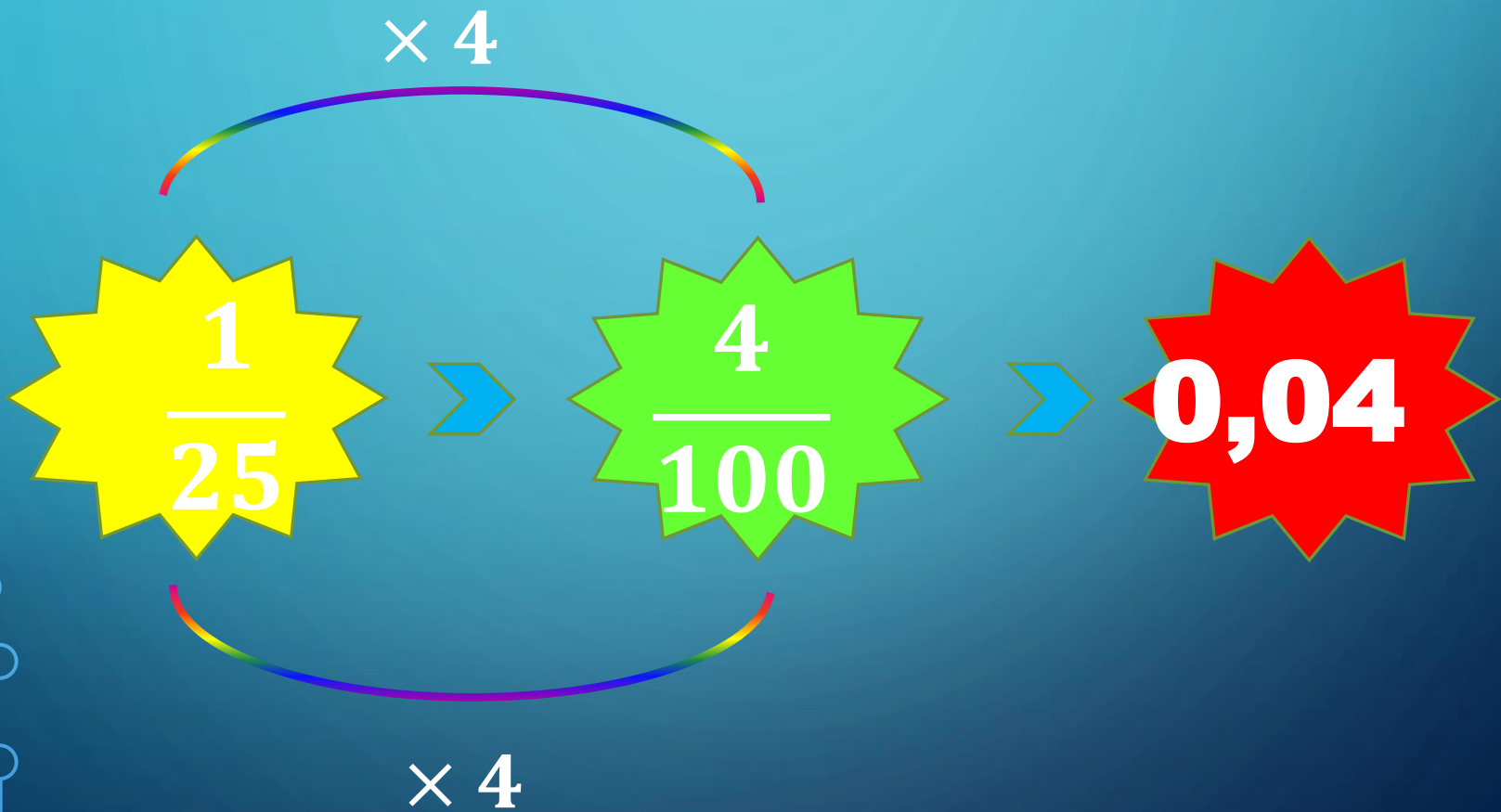
$$1\frac{1}{8} = 1\frac{125}{1000} = 1,125$$



$$2\frac{1}{20} = 2\frac{5}{100} = \mathbf{2,05}$$



$$\frac{7}{20} = \frac{35}{100} = 0,35$$






$$\frac{1}{50}$$




$$\frac{2}{100}$$

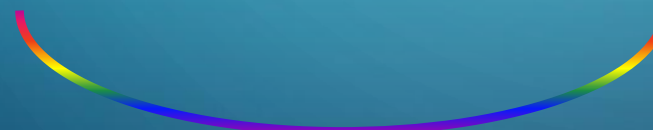



$$0,02$$

$\times 2$



$\times 2$



$$\frac{1}{125}$$



$$\frac{8}{1000}$$



$$0,008$$

$\times 8$



$\times 8$



INGAT LAGI YUK 

$$\frac{1}{2} = \frac{5}{10} = 0,5$$

$$\frac{1}{4} = \frac{25}{100} = 0,25$$

$$\frac{1}{5} = \frac{2}{10} = 0,2$$

$$\frac{1}{8} = \frac{125}{1000} = 0,125$$

$$\frac{1}{20} = \frac{5}{100} = 0,05$$

$$\frac{1}{25} = \frac{4}{100} = 0,04$$

$$\frac{1}{40} = \frac{25}{1000} = 0,025$$



## BAGAIMANA JIKA PENYEBUTNYA BUKAN BILANGAN ISTIMEWA?

Misalnya  $\frac{1}{3}$ ,  $\frac{5}{6}$ ,  $\frac{8}{9}$ , *dsb*

0,3333    Dibulatkan tiga decimal = 0,333

$$\begin{array}{r} 3 \overline{) 10} \\ \underline{9} \phantom{00} \\ 10 \\ \underline{9} \phantom{00} \\ 10 \\ \underline{9} \phantom{00} \\ 1 \phantom{00} \end{array}$$

Dengan cara yang sama diperoleh:

$$\frac{5}{6} = 0,8333 = 0,833$$

$$\frac{8}{9} = 0,8888 = 0,889$$

**PECAHAN  
CAMPURAN**



**DESIMAL**



# CARA MENGUBAH PECAHAN CAMPURAN KE DESIMAL

## CARA 1.

Pecahan campuran diubah dulu ke pecahan biasa.

Contoh :

$$1\frac{3}{5} = \frac{8}{5} = \frac{16}{10} = 1,6$$

$$2\frac{3}{4} = \frac{11}{4} = \frac{275}{100} = 2,75$$

## CARA 2.

Pecahan campuran langsung ke desimal

Contoh :

$$1\frac{3}{5} = 1\frac{6}{10} = 1,6$$

$$2\frac{3}{4} = 2\frac{75}{100} = 2,75$$

**PERSEN**



**DESIMAL**



# CARA MENGUBAH PERSEN KE DESIMAL

## CONTOH

$$25 \% = \frac{25}{100} = 0,25$$

$$40\% = \frac{40}{100} = 0,40$$

$$125\% = \frac{125}{100} = 1,25$$

$$12,5\% = \frac{12,5}{100} = \frac{125}{1000} = 0,125$$