

PERSEDIAAN 2019 – LATIHAN ASAS
INTENSIF ASAS

PECAHAN

MATEMATIK

Professional Maths Centre

MATHSCATCH

Dwibahasa

LATIHAN ASAS PECAHAN

- 1 Diagram 1 shows a regular pentagon.
Rajah 1 menunjukkan satu pentagon sekata.

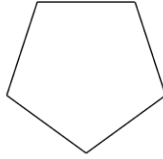


Diagram 1
Rajah 1

Shade the region to represent $\frac{1}{5}$ of the whole pentagon.

Lorekkan kawasan untuk mewakili $\frac{1}{5}$ daripada seluruh pentagon. Answer:

Jawapan:

- 2 Diagram 2 shows a regular nonagon.
Rajah 2 menunjukkan satu nonagon sekata.

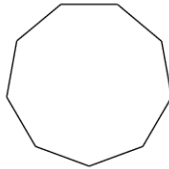


Diagram 2
Rajah 2

Shade the region to represent $\frac{8}{9}$ of the whole nonagon.

Lorekkan kawasan untuk mewakili $\frac{8}{9}$ daripada seluruh nonagon. Answer:

Jawapan:

- 3 Diagram 3 shows a regular hexagon.
Rajah 3 menunjukkan satu heksagon sekata.

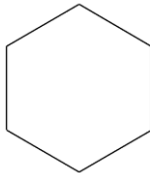


Diagram 3
Rajah 3

Shade the region to represent $\frac{1}{3}$ of the whole hexagon.

Lorekkan kawasan untuk mewakili $\frac{1}{3}$ daripada seluruh heksagon. Answer:

Jawapan:

A+

TARGET

- 4 Diagram 4 shows a figure consists of squares of the same size.
Rajah 4 menunjukkan satu bentuk yang terdiri daripada segiempat-segiempat yang sama saiz.

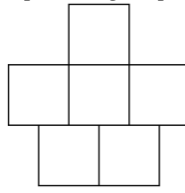


Diagram 4
Rajah 4

Shade the region to represent $\frac{1}{6}$ of the whole figure.

Lorekkan kawasan untuk mewakili $\frac{1}{6}$ daripada seluruh bentuk. Answer:

Jawapan:

- 5 Diagram 5 shows a figure consists of squares of the same size.
Rajah 5 menunjukkan satu bentuk yang terdiri daripada segiempat-segiempat yang sama saiz.

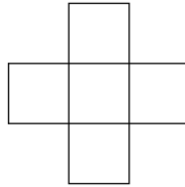


Diagram 5
Rajah 5

Shade the region to represent $\frac{1}{5}$ of the whole figure.

Lorekkan kawasan untuk mewakili $\frac{1}{5}$ daripada seluruh bentuk. Answer:

Jawapan:

- 6 Diagram 6 shows a figure consists of squares of the same size.
Rajah 6 menunjukkan satu bentuk yang terdiri daripada segiempat-segiempat yang sama saiz.

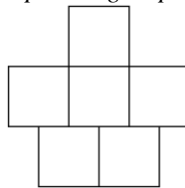


Diagram 6
Rajah 6

Shade the region to represent $\frac{1}{3}$ of the whole figure.

Lorekkan kawasan untuk mewakili $\frac{1}{3}$ daripada seluruh bentuk. Answer:

Jawapan:

A+



TARGET

- 7 Complete the following table.
Lengkapkan jadual yang berikut.

Fraction <i>Pecahan</i>	Read as <i>Dibaca sebagai</i>	Description <i>Penerangan</i>
$\frac{3}{4}$	Three over four <i>Twenty-eight over forty-two</i>	Three out of four parts <i>Tiga daripada empat bahagian</i>
(a) $\frac{28}{42}$		
(b) $\frac{20}{38}$		
(c) $\frac{12}{25}$		

Answer:
Jawapan:

- 8 Complete the following table.
Lengkapkan jadual yang berikut.

Fraction <i>Pecahan</i>	Read as <i>Dibaca sebagai</i>	Description <i>Penerangan</i>
$\frac{1}{2}$	One over two <i>Three over sixteen</i>	One out of two parts <i>Satu daripada dua bahagian</i>
(a) $\frac{3}{16}$		
(b) $\frac{42}{45}$		
(c) $\frac{25}{44}$		

Answer:
Jawapan:

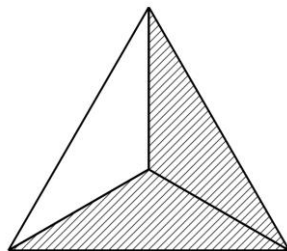
A+



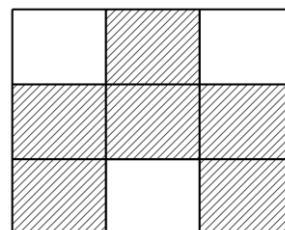
TARGET

- 9 Write the fraction represented by the shaded parts in each of the following diagrams.
Tuliskan pecahan yang diwakili oleh bahagian-bahagian berlorek dalam setiap rajah yang berikut.

(a)

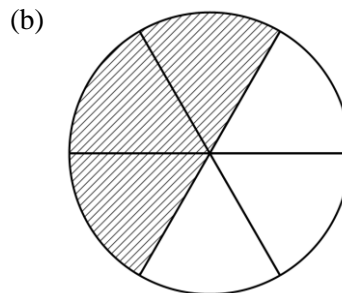
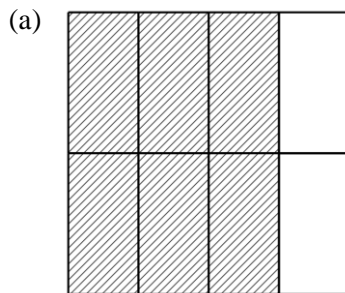


(b)



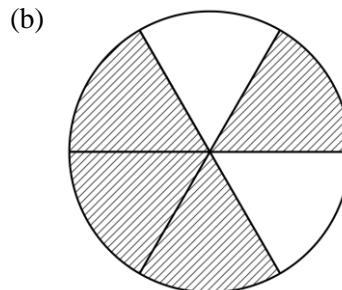
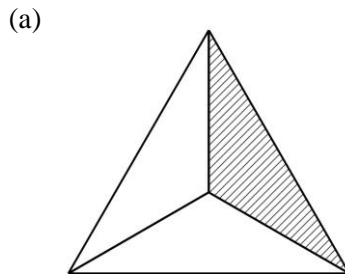
Answer:

- 10 Write the fraction represented by the shaded parts in each of the following diagrams.
Tuliskan pecahan yang diwakili oleh bahagian-bahagian berlorek dalam setiap rajah yang berikut.



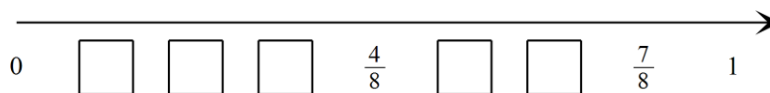
Answer:
Jawapan:

- 11 Write the fraction represented by the shaded parts in each of the following diagrams.
Tuliskan pecahan yang diwakili oleh bahagian-bahagian berlorek dalam setiap rajah yang berikut.



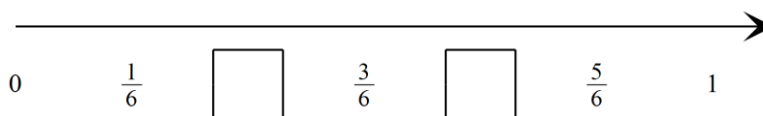
Answer:
Jawapan:

- 12 Fill in the missing fractions for the number line below.
Isikan pecahan yang hilang bagi garis nombor di bawah.



Answer:
Jawapan:

- 13 Fill in the missing fractions for the number line below.
Isikan pecahan yang hilang bagi garis nombor di bawah.



Answer:
Jawapan:

A+

TARGET

14 Arrange the following in ascending order.

Susunkan yang berikut dalam tertib menaik.

(a) $\frac{13}{18}, \frac{2}{3}, \frac{8}{9}$

(b) $\frac{1}{2}, \frac{5}{6}, \frac{7}{20}$

Answer:

Jawapan:

15 Arrange the following in ascending order.

Susunkan yang berikut dalam tertib menaik.

(a) $\frac{6}{7}, \frac{11}{14}, \frac{3}{4}$

(b) $\frac{2}{5}, \frac{1}{3}, \frac{9}{10}$

Answer:

Jawapan:

16 Arrange the following in ascending order.

Susunkan yang berikut dalam tertib menaik.

(a) $\frac{7}{12}, \frac{15}{16}, \frac{3}{8}$

(b) $\frac{14}{15}, \frac{2}{5}, \frac{1}{2}$

Answer:

Jawapan:

17 Write the correct number in the boxes below.

Tuliskan nombor yang betul dalam kotak-kotak di bawah.

(a) $\frac{1}{9} = \frac{\square}{27}$

(b) $\frac{2}{11} = \frac{6}{\square}$

Answer:

Jawapan:

18 Write the correct number in the boxes below.

Tuliskan nombor yang betul dalam kotak-kotak di bawah.

(a) $\frac{4}{5} = \frac{\square}{20}$

(b) $\frac{19}{20} = \frac{95}{\square}$

Answer:

Jawapan:

A+

TARGET

- 19 Determine if each of the following pairs of fractions are equivalent.

Tentukan sama ada setiap pasangan pecahan yang berikut adalah setara.

(a) $\frac{4}{10}$ and $\frac{2}{5}$

$\frac{4}{10}$ dan $\frac{2}{5}$

(b) $\frac{3}{13}$ and $\frac{6}{39}$

$\frac{3}{13}$ dan $\frac{6}{39}$

(c) $\frac{2}{11}$ and $\frac{4}{22}$

$\frac{2}{11}$ dan $\frac{4}{22}$

Answer:

Jawapan:

- 20 Determine if each of the following pairs of fractions are equivalent.

Tentukan sama ada setiap pasangan pecahan yang berikut adalah setara.

(a) $\frac{5}{6}$ and $\frac{40}{48}$

$\frac{5}{6}$ dan $\frac{40}{48}$

(b) $\frac{10}{13}$ and $\frac{80}{117}$

$\frac{10}{13}$ dan $\frac{80}{117}$

(c) $\frac{72}{90}$ and $\frac{9}{10}$

$\frac{72}{90}$ dan $\frac{9}{10}$

Answer:

Jawapan:

- 21 Simplify each of the following fractions to its lowest term.

Permudahkan setiap pecahan yang berikut kepada sebutan terkecilnya.

(a) $\frac{9}{51}$

(b) $\frac{30}{36}$

(c) $\frac{3}{27}$

Answer:

Jawapan:

A+

TARGET

22 Simplify each of the following fractions to its lowest term.
Permudahkan setiap pecahan yang berikut kepada sebutan terkecilnya.

(a) $\frac{252}{270}$

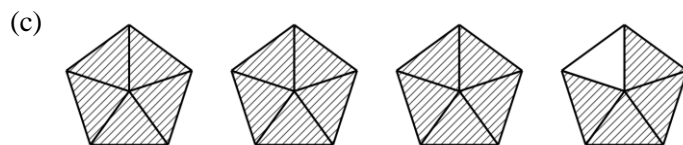
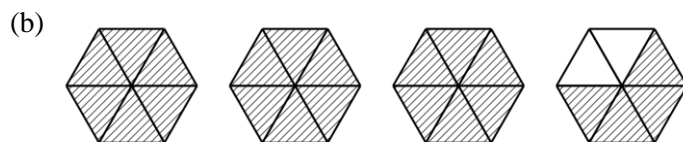
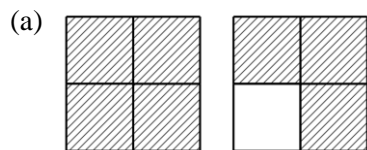
(b) $\frac{126}{234}$

(c) $\frac{162}{198}$

Answer:

Jawapan:

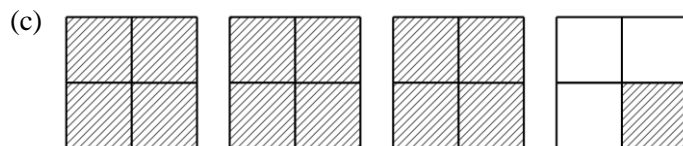
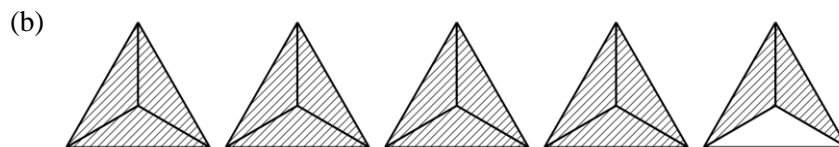
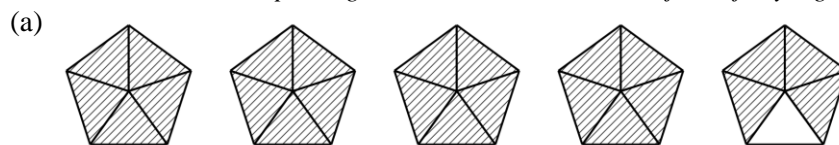
23 Write down the correct mixed numbers for the shaded areas in the following diagrams.
Tuliskan nombor bercampur bagi kawasan berlorek dalam rajah-rajah yang berikut.



Answer:

Jawapan:

24 Write down the correct mixed numbers for the shaded areas in the following diagrams.
Tuliskan nombor bercampur bagi kawasan berlorek dalam rajah-rajah yang berikut.



Answer:

Jawapan:

A+

TARGET

- 25 State whether each of the following is a proper fraction, an improper fraction or a mixed number.
Nyatakan sama ada setiap yang berikut adalah pecahan wajar, pecahan tak wajar atau nombor bercampur.

(a) $1\frac{4}{11}$

(b) $\frac{1}{4}$

(c) $\frac{15}{15}$

Answer:

Jawapan:

- 26 State whether each of the following is a proper fraction, an improper fraction or a mixed number.
Nyatakan sama ada setiap yang berikut adalah pecahan wajar, pecahan tak wajar atau nombor bercampur.

(a) $\frac{4}{9}$

(b) $1\frac{1}{2}$

(c) $\frac{14}{9}$

Answer:

Jawapan:

- 27 Write the following mixed numbers as improper fractions.

Tuliskan nombor bercampur berikut sebagai pecahan tak wajar.

(a) $7\frac{1}{3}$

(b) $10\frac{4}{21}$

Answer:

Jawapan:

- 28 Write the following mixed numbers as improper fractions.

Tuliskan nombor bercampur berikut sebagai pecahan tak wajar.

(a) $2\frac{1}{8}$

(b) $8\frac{11}{14}$

Answer:

Jawapan:

A+

TARGET

- 29 Express the following as mixed numbers or whole numbers.
Nyatakan yang berikut sebagai nombor bercampur atau nombor bulat.

(a) $\frac{87}{5}$

(b) $\frac{179}{7}$

(c) $\frac{236}{4}$

Answer:

Jawapan:

-
- 30 Express the following as mixed numbers or whole numbers.
Nyatakan yang berikut sebagai nombor bercampur atau nombor bulat.

(a) $\frac{180}{7}$

(b) $\frac{134}{7}$

(c) $\frac{23}{5}$

Answer:

Jawapan:

31 $7\frac{1}{5} + 9\frac{6}{7} =$

Answer:

Jawapan:

A+

32 $8\frac{1}{20} + 1\frac{9}{10} =$

Answer:

Jawapan:

33 $2\frac{5}{7} + 7\frac{1}{4} =$

Answer:

Jawapan:

34 $9\frac{1}{2} + 8\frac{1}{8} =$

Answer:

Jawapan:

A+



TARGET

35 $2\frac{2}{3} + 3\frac{1}{4} =$

Answer:

Jawapan:

36 $7\frac{9}{10} - \frac{1}{2} =$

Answer:

Jawapan:

37 $2\frac{1}{2} - \frac{2}{3} =$

Answer:

Jawapan:

A+

TARGET

38 $6\frac{11}{16} - \frac{1}{2} =$

Answer:

Jawapan:

39 $2\frac{2}{5} - \frac{1}{2} =$

Answer:

Jawapan:

40 $5\frac{3}{5} - 4\frac{7}{10} =$

Answer:

Jawapan:

A+

TARGET

41 $5\frac{7}{9} - 5\frac{2}{3} =$

Answer:

Jawapan:

42 $5\frac{1}{2} - 2\frac{1}{8} =$

Answer:

Jawapan:

43 $5\frac{2}{3} + \frac{1}{4} =$

Answer:

Jawapan:

A+

TARGET

44 $3\frac{3}{5} + \frac{1}{3} =$

Answer:

Jawapan:

45 $9\frac{1}{4} + \frac{1}{5} =$

Answer:

Jawapan:

46 Evaluate each of the following.

Nilaikan setiap yang berikut.

(a) $\frac{2}{3} + \frac{2}{7}$

(b) $\frac{3}{7} - \frac{1}{4}$

(c) $\frac{3}{5} - \frac{1}{3}$

Answer:

Jawapan:

A+

TARGET

- 47 Evaluate each of the following.

Nilaiikan setiap yang berikut.

(a) $\frac{3}{7} + \frac{3}{5}$

(b) $\frac{4}{5} - \frac{3}{4}$

(c) $\frac{5}{7} + \frac{5}{9}$

Answer:

Jawapan:

-
- 48 Calculate the following.

Hitungkan yang berikut.

(a) $11 - \frac{3}{7}$

(b) $1 + \frac{1}{4}$

(c) $8 - \frac{2}{3}$

Answer:

Jawapan:

A+

TARGET

49 Evaluate each of the following.

Nilaiikan setiap yang berikut.

(a) $\frac{6}{7} - \frac{4}{7}$

(b) $\frac{11}{12} + \frac{1}{12}$

(c) $\frac{9}{19} - \frac{1}{19}$

Answer:

Jawapan:

50 $8\frac{2}{9} \div 2\frac{1}{3} =$

Answer:

Jawapan:

A+

TARGET

- 51 Find the product of the following.

Carikan produk untuk yang berikut.

(a) $5 \times \frac{1}{6}$

(b) $7 \times \frac{11}{13}$

(c) $10 \times \frac{1}{3}$

Answer:

Jawapan:

52 $2\frac{5}{7} \times 9\frac{3}{4} =$

Answer:

Jawapan:

A+

TARGET

- 53 Solve the following.
Selesaikan yang berikut.

(a) $\frac{1}{7} \div 6$

(b) $\frac{1}{3} \div 5$

(c) $\frac{1}{6} \div 7$

Answer:
Jawapan:

-
- 54 Solve the following.
Selesaikan yang berikut.

(a) $3 \div \frac{7}{9}$

(b) $5 \div \frac{1}{4}$

(c) $8 \div \frac{1}{2}$

Answer:
Jawapan:

A+

TARGET

55 Calculate each of the following.

Hitungkan setiap yang berikut.

(a) $5 \div 4\frac{2}{3}$

(b) $7 \div 4\frac{1}{3}$

(c) $3 \div 3\frac{3}{7}$

Answer:

Jawapan:

56 $4\frac{3}{4} \times \frac{3}{8} =$

Answer:

Jawapan:

A+

57 $2\frac{3}{7} \div \frac{4}{5} =$

Answer:

Jawapan:

58 $7\frac{10}{13} \div \frac{2}{5} =$

Answer:

Jawapan:

59 Calculate each of the following.

Hitungkan setiap yang berikut.

(a) $3 \times 6\frac{2}{3}$

(b) $7 \times 2\frac{1}{5}$

(c) $10 \times 3\frac{1}{3}$

Answer:

Jawapan:

60 Calculate each of the following.

Hitungkan setiap yang berikut.

(a) $9 \times 1\frac{2}{5}$

(b) $4 \times 1\frac{1}{2}$

(c) $7 \times 3\frac{1}{2}$

Answer:

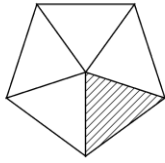
Jawapan:

A+

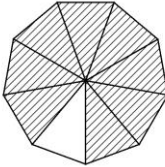
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JAWAPAN

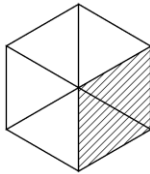
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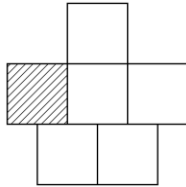
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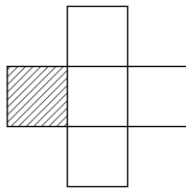
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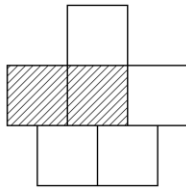
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5



6



7

Fraction Pecahan	Read as Dibaca sebagai	Description Penerangan
$\frac{3}{4}$	Three over four <i>Tiga per empat</i>	Three out of four parts <i>Tiga daripada empat bahagian</i>
(a) $\frac{28}{42}$	Twenty-eight over forty-two <i>Dua puluh lapan per empat puluh dua</i>	Twenty-eight out of forty-two parts <i>Dua puluh lapan daripada empat puluh dua bahagian</i>
(b) $\frac{20}{38}$	Twenty over thirty-eight <i>Dua puluh per tiga puluh lapan</i>	Twenty out of thirty-eight parts <i>Dua puluh daripada tiga puluh lapan bahagian</i>
(c) $\frac{12}{25}$	Twelve over twenty-five <i>Dua belas per dua puluh lima</i>	Twelve out of twenty-five parts <i>Dua belas daripada dua puluh lima bahagian</i>

8

Fraction Pecahan	Read as Dibaca sebagai	Description Penerangan
$\frac{1}{2}$	One over two <i>Satu per dua</i>	One out of two parts <i>Satu daripada dua bahagian</i>
(a) $\frac{3}{16}$	Three over sixteen <i>Tiga per enam belas</i>	Three out of sixteen parts <i>Tiga daripada enam belas bahagian</i>
(b) $\frac{42}{45}$	Forty-two over forty-five <i>Empat puluh dua per empat puluh lima</i>	Forty-two out of forty-five parts <i>Empat puluh dua daripada empat puluh lima bahagian</i>
(c) $\frac{25}{44}$	Twenty-five over forty-four <i>Dua puluh lima per empat puluh empat</i>	Twenty-five out of forty-four parts <i>Dua puluh lima daripada empat puluh empat bahagian</i>

9

- (a) $\frac{2}{3}$
- (b) $\frac{6}{9}$

10

- (a) $\frac{6}{8}$
- (b) $\frac{3}{6}$

11

- (a) $\frac{1}{3}$
- (b) $\frac{4}{6}$

12

$\frac{1}{8}, \frac{2}{8}, \frac{3}{8}, \frac{5}{8}, \frac{6}{8}$

13

$\frac{2}{6}, \frac{4}{6}$

14

- (a) $\frac{2}{3}, \frac{13}{18}, \frac{8}{9}$
- (b) $\frac{7}{20}, \frac{1}{2}, \frac{5}{6}$

15

- (a) $\frac{3}{4}, \frac{11}{14}, \frac{6}{7}$
- (b) $\frac{1}{3}, \frac{2}{5}, \frac{9}{10}$

16

- (a) $\frac{3}{8}, \frac{7}{12}, \frac{15}{16}$
- (b) $\frac{2}{5}, \frac{1}{2}, \frac{14}{15}$

17

- (a) 3
- (b) 33

18

- (a) 16

A+

TARGET

(b) 100

- 19 (a) Yes
Ya
(b) No
Tidak
(c) Yes
Ya

- 20 (a) Yes
Ya
(b) No
Tidak
(c) No
Tidak

- 21 (a) $\frac{3}{17}$
(b) $\frac{5}{6}$
(b) $\frac{1}{9}$

- 22 (a) $\frac{14}{15}$
(b) $\frac{7}{13}$
(b) $\frac{9}{11}$

- 23 (a) $1\frac{3}{4}$
(b) $3\frac{2}{3}$
(c) $3\frac{4}{5}$

- 24 (a) $4\frac{4}{5}$
(b) $4\frac{2}{3}$
(c) $3\frac{1}{4}$

- 25 (a) Mixed number
Nombor bercampur
(b) Proper fraction
Pecahan wajar
(c) Improper fraction
Pecahan tak wajar

- 26 (a) Proper fraction
Pecahan wajar
(b) Mixed number
Nombor bercampur
(c) Improper fraction
Pecahan tak wajar

- 27 (a) $\frac{22}{3}$
(b) $\frac{214}{21}$

- 28 (a) $\frac{17}{8}$
(b) $\frac{123}{14}$

- 29 (a) $17\frac{2}{5}$
(b) $25\frac{4}{7}$
(c) 59

- 30 (a) $25\frac{5}{7}$
(b) $19\frac{1}{7}$
(c) $4\frac{3}{5}$

31 $7\frac{1}{5} + 9\frac{6}{7}$
 $= \frac{36}{5} + \frac{69}{7}$
 $= \frac{252 + 345}{35}$
 $= \frac{597}{35}$
 $= 17\frac{2}{35}$

32 $8\frac{1}{20} + 1\frac{9}{10}$
 $= \frac{161}{20} + \frac{19}{10}$
 $= \frac{161 + 38}{20}$
 $= \frac{199}{20}$
 $= 9\frac{19}{20}$

33 $2\frac{5}{7} + 7\frac{1}{4}$
 $= \frac{19}{7} + \frac{29}{4}$
 $= \frac{76 + 203}{28}$
 $= \frac{279}{28}$
 $= 9\frac{27}{28}$

34 $9\frac{1}{2} + 8\frac{1}{8}$
 $= \frac{19}{2} + \frac{65}{8}$
 $= \frac{76 + 65}{8}$
 $= \frac{141}{8}$
 $= 17\frac{5}{8}$

35 $2\frac{2}{3} + 3\frac{1}{4}$

A+

TARGET

$$= \frac{8}{3} + \frac{13}{4}$$

$$= \frac{32 + 39}{12}$$

$$= \frac{71}{12}$$

$$= 5\frac{11}{12}$$

36

$$7\frac{9}{10} - \frac{1}{2}$$

$$= \frac{79}{10} - \frac{1}{2}$$

$$= \frac{79 - 5}{10}$$

$$= \frac{37}{5}$$

$$= 7\frac{2}{5}$$

37

$$2\frac{1}{2} - \frac{2}{3}$$

$$= \frac{5}{2} - \frac{2}{3}$$

$$= \frac{15 - 4}{6}$$

$$= \frac{11}{6}$$

$$= 1\frac{5}{6}$$

38

$$6\frac{11}{16} - \frac{1}{2}$$

$$= \frac{107}{16} - \frac{1}{2}$$

$$= \frac{107 - 8}{16}$$

$$= \frac{99}{16}$$

$$= 6\frac{3}{16}$$

39

$$2\frac{2}{5} - \frac{1}{2}$$

$$= \frac{12}{5} - \frac{1}{2}$$

$$= \frac{24 - 5}{10}$$

$$= \frac{19}{10}$$

$$= 1\frac{9}{10}$$

40

$$5\frac{3}{5} - 4\frac{7}{10}$$

$$= \frac{28}{5} - \frac{47}{10}$$

$$= \frac{56 - 47}{10}$$

$$= \frac{9}{10}$$

41

$$5\frac{7}{9} - 5\frac{2}{3}$$

$$= \frac{52}{9} - \frac{17}{3}$$

$$= \frac{52 - 51}{9}$$

$$= \frac{1}{9}$$

42

$$5\frac{1}{2} - 2\frac{1}{8}$$

$$= \frac{11}{2} - \frac{17}{8}$$

$$= \frac{44 - 17}{8}$$

$$= \frac{27}{8}$$

$$= 3\frac{3}{8}$$

43

$$5\frac{2}{3} + \frac{1}{4}$$

$$= \frac{17}{3} + \frac{1}{4}$$

$$= \frac{68 + 3}{12}$$

$$= \frac{71}{12}$$

$$= 5\frac{11}{12}$$

44

$$3\frac{3}{5} + \frac{1}{3}$$

$$= \frac{18}{5} + \frac{1}{3}$$

$$= \frac{54 + 5}{15}$$

$$= \frac{59}{15}$$

$$= 3\frac{14}{15}$$

45

$$9\frac{1}{4} + \frac{1}{5}$$

$$= \frac{37}{4} + \frac{1}{5}$$

$$= \frac{185 + 4}{20}$$

$$= \frac{189}{20}$$

$$= 9\frac{9}{20}$$

46

(a)

$$\frac{2}{3} + \frac{2}{7}$$

$$= \frac{2}{3} + \frac{2}{7}$$

$$= \frac{14 + 6}{21}$$

$$= \frac{20}{21}$$

(b)

$$\frac{3}{7} - \frac{1}{4}$$

$$= \frac{3}{7} - \frac{1}{4}$$

$$= \frac{12 - 7}{28}$$

$$= \frac{5}{28}$$

A+

TARGET

$$\begin{aligned} \text{(c)} \quad & \frac{3}{5} - \frac{1}{3} \\ & = \frac{3}{5} - \frac{1}{3} \\ & = \frac{9-5}{15} \\ & = \frac{4}{15} \end{aligned}$$

47 (a) $\frac{3}{7} + \frac{3}{5}$

$$\begin{aligned} & = \frac{3}{7} + \frac{3}{5} \\ & = \frac{15+21}{35} \\ & = \frac{36}{35} \\ & = 1\frac{1}{35} \end{aligned}$$

(b) $\frac{4}{5} - \frac{3}{4}$

$$\begin{aligned} & = \frac{4}{5} - \frac{3}{4} \\ & = \frac{16-15}{20} \\ & = \frac{1}{20} \end{aligned}$$

(c) $\frac{5}{7} + \frac{5}{9}$

$$\begin{aligned} & = \frac{5}{7} + \frac{5}{9} \\ & = \frac{45+35}{63} \\ & = \frac{80}{63} \\ & = 1\frac{17}{63} \end{aligned}$$

48 (a) $11 - \frac{3}{7}$

$$\begin{aligned} & = \frac{77}{7} - \frac{3}{7} \\ & = \frac{74}{7} \\ & = 10\frac{4}{7} \end{aligned}$$

(b) $1 + \frac{1}{4}$

(c) $8 - \frac{2}{3}$

$$\begin{aligned} & = \frac{24}{3} - \frac{2}{3} \\ & = \frac{22}{3} \\ & = 7\frac{1}{3} \end{aligned}$$

49 (a) $\frac{6}{7} - \frac{4}{7}$

$$\begin{aligned} & = \frac{6-4}{7} \\ & = \frac{2}{7} \end{aligned}$$

(b) $\frac{11}{12} + \frac{1}{12}$

$$\begin{aligned} & = \frac{11+1}{12} \\ & = \frac{12}{12} \\ & = 1 \end{aligned}$$

(c) $\frac{9}{19} - \frac{1}{19}$

$$\begin{aligned} & = \frac{9-1}{19} \\ & = \frac{8}{19} \end{aligned}$$

50 $8\frac{2}{9} \div 2\frac{1}{3}$

$$\begin{aligned} & = \frac{74}{9} \times \frac{3}{7} \\ & = \frac{74}{21} \\ & = 3\frac{11}{21} \end{aligned}$$

51 (a) $5 \times \frac{1}{6}$

$$\begin{aligned} & = \frac{5 \times 1}{6} \\ & = \frac{5}{6} \end{aligned}$$

(b) $7 \times \frac{11}{13}$

$$\begin{aligned} & = \frac{7 \times 11}{13} \\ & = \frac{77}{13} \\ & = 5\frac{12}{13} \end{aligned}$$

(c) $10 \times \frac{1}{3}$

$$\begin{aligned} & = \frac{10 \times 1}{3} \\ & = \frac{10}{3} \\ & = 3\frac{1}{3} \end{aligned}$$

52 $2\frac{5}{7} \times 9\frac{3}{4}$

$$\begin{aligned} & = \frac{19}{7} \times \frac{39}{4} \\ & = \frac{741}{28} \\ & = 26\frac{13}{28} \end{aligned}$$

53 (a) $\frac{1}{7} \div 6$

$$\begin{aligned} & = \frac{1}{7} \times \frac{1}{6} \\ & = \frac{1 \times 1}{7 \times 6} \\ & = \frac{1}{42} \end{aligned}$$

(b) $\frac{1}{3} \div 5$

$$\begin{aligned} & = \frac{1}{3} \times \frac{1}{5} \end{aligned}$$

A+

TARGET

$$= \frac{1 \times 1}{3 \times 5}$$

$$= \frac{1}{15}$$

(c) $\frac{1}{6} \div 7$

$$= \frac{1}{6} \times \frac{1}{7}$$

$$= \frac{1 \times 1}{6 \times 7}$$

$$= \frac{1}{42}$$

54 (a) $3 \div \frac{7}{9}$

$$= 3 \times \frac{9}{7}$$

$$= \frac{3 \times 9}{1 \times 7}$$

$$= \frac{27}{7}$$

$$= 3\frac{6}{7}$$

(b) $5 \div \frac{1}{4}$

$$= 5 \times \frac{4}{1}$$

$$= \frac{5 \times 4}{1 \times 1}$$

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

$$= 20$$

(c) $8 \div \frac{1}{2}$

$$= 8 \times \frac{2}{1}$$

$$= \frac{8 \times 2}{1 \times 1}$$

$$= \frac{16}{1}$$

$$= 16$$

55 (a) $5 \div 4\frac{2}{3}$

$$= 5 \div \frac{14}{3}$$

$$= \frac{5}{1} \times \frac{3}{14}$$

$$= \frac{15}{14}$$

$$= 1\frac{1}{14}$$

(b) $7 \div 4\frac{1}{3}$

$$= 7 \div \frac{13}{3}$$

$$= \frac{7}{1} \times \frac{3}{13}$$

$$= \frac{21}{13}$$

$$= 1\frac{8}{13}$$

(c) $3 \div 3\frac{3}{7}$

$$= 3 \div \frac{24}{7}$$

$$= \frac{3}{1} \times \frac{7}{24}$$

$$= \frac{21}{24}$$

$$= \frac{21}{24}$$

$$= \frac{7}{8}$$

56 $4\frac{3}{4} \times \frac{3}{8}$

$$= \frac{19}{4} \times \frac{3}{8}$$

$$= \frac{57}{32}$$

$$= 1\frac{25}{32}$$

57 $2\frac{3}{7} \div \frac{4}{5}$

$$= \frac{17}{7} \times \frac{5}{4}$$

$$= \frac{85}{28}$$

$$= 3\frac{1}{28}$$

58 $7\frac{10}{13} \div \frac{2}{5}$

$$= \frac{101}{13} \times \frac{5}{2}$$

$$= \frac{505}{26}$$

$$= 19\frac{11}{26}$$

59 (a) $3 \times 6\frac{2}{3}$

$$= 3 \times \frac{20}{3}$$

$$= \frac{60}{3}$$

$$= 20$$

(b) $7 \times 2\frac{1}{5}$

$$= 7 \times \frac{11}{5}$$

$$= \frac{77}{5}$$

$$= 15\frac{2}{5}$$

(c) $10 \times 3\frac{1}{3}$

$$= 10 \times \frac{10}{3}$$

$$= \frac{100}{3}$$

$$= 33\frac{1}{3}$$

60 (a) $9 \times 1\frac{2}{5}$

$$= 9 \times \frac{7}{5}$$

A+

TARGET

$$= \frac{63}{5}$$

$$= 12\frac{3}{5}$$

$$(b) 4 \times 1\frac{1}{2}$$

$$= 4 \times \frac{3}{2}$$

$$= \frac{12}{2}$$

$$= 6$$

$$(c) 7 \times 3\frac{1}{2}$$

$$= 7 \times \frac{7}{2}$$

$$= \frac{49}{2}$$

$$= 24\frac{1}{2}$$

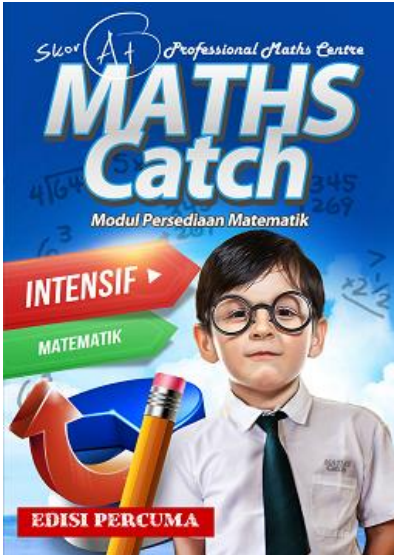
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DAPATKAN LEBIH BANYAK SOALAN DISINI

PERCUMA



Dapatkan Secara Percuma

#1# Lebih 30 Tips Menjawab Peperiksaan

#2# Lebih 20 Koleksi Soalan peperiksaan Percubaan yang lepas-lepas

#3# Percuma Soalan Ramalan Edisi Mid Term MathsCatch

#4# Cadangan Tajuk dan Soalan Pilihan menjelang Peperiksaan

#5# Lebih dari 30 kajian kes petua dan strategi menguasai matematik yang dilakukan oleh MathsCatch Team

Sila layari link dibawah ini:
www.kingpagi.com



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Call / Whatsapp: 0173321095 / 01157687401 (Cg Wafi)

Web: www.mathscatch.com

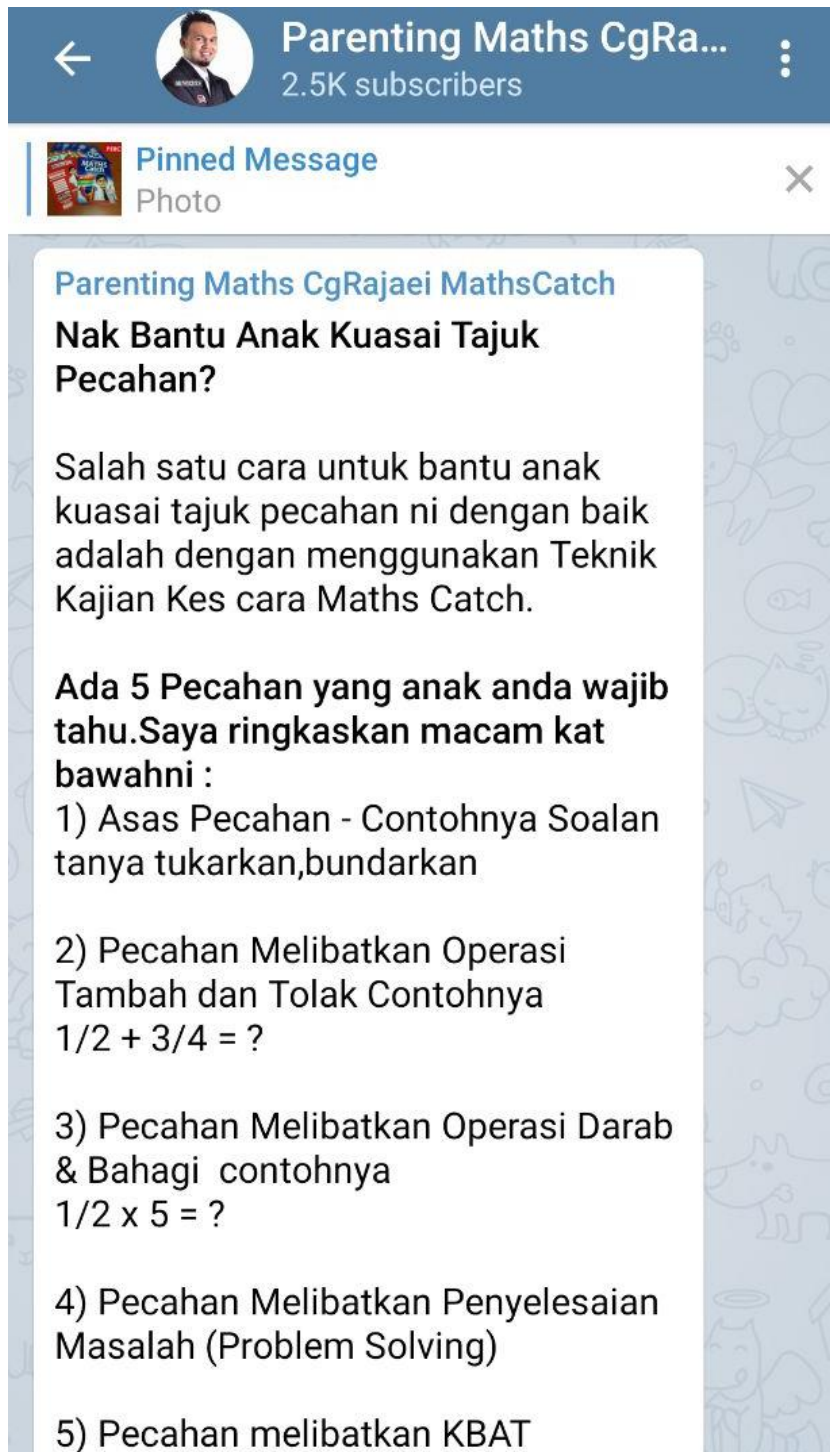
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JANGAN TERLEPAS PELUANG MENDAPATKAN TIPS-TIPS DAN SOALAN PANAS TERKINI DALAM GROUP >> "TELEGRAM PARENTING MATHS CG RAJAEI"

Join percuma disini

<https://t.me/ParentingMathsCgRajaei>



Parenting Maths CgRajaei MathsCatch

Nak Bantu Anak Kuasai Tajuk Pecahan?

Salah satu cara untuk bantu anak kuasai tajuk pecahan ni dengan baik adalah dengan menggunakan Teknik Kajian Kes cara Maths Catch.

Ada 5 Pecahan yang anak anda wajib tahu.Saya ringkaskan macam kat bawahni :

- 1) Asas Pecahan - Contohnya Soalan tanya tukarkan,bundarkan
- 2) Pecahan Melibatkan Operasi Tambah dan Tolak Contohnya $\frac{1}{2} + \frac{3}{4} = ?$
- 3) Pecahan Melibatkan Operasi Darab & Bahagi contohnya $\frac{1}{2} \times 5 = ?$
- 4) Pecahan Melibatkan Penyelesaian Masalah (Problem Solving)
- 5) Pecahan melibatkan KBAT

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