



Terapi

PECAHAN

M I N D A M E G A

Hakcipta terpelihara. Tidak dibenarkan mengeluarkan, mana-mana bahagian artikel, ilustrasi, dan isi kandungan modul ini dalam apa jua bentuk dan dengan apa cara sekalipun, samada secara elektronik, fotokopi, mekanik, rakaman atau cara lain sebelum mendapat izin bertulis daripada Fyvoeight Million Sdn. Bhd.

Pengenalan

Terdapat 2 bahagian dalam ebook ini

Bahagian Pertama :

LATIHAN PECAHAN (PRINT UNTUK ANAK-ANAK)

Sesuai untuk anak-anak usia 10 tahun & keatas sahaja. Tetapi tiada masalah jika anak usia 9 tahun kebawah untuk mencuba. Mereka boleh latih diri untuk kuasai pecahan dengan baik. Konsep **pecahan termudah, pecahan setara, pecahan tidak wajar kepada pecahan bercampur**, tidak diterangkan dalam ebook ini. Latihan buku topikal Matematik tahun 3 amat digalakkan untuk dijadikan rujukan utama sebagai permulaan untuk penguasaan pecahan.

Bahagian Kedua :

JALAN KERJA PECAHAN (PRINT UNTUK RUJUKAN IBU BAPA)

Oleh kerana bab pecahan adalah bab yang sangat penting untuk penguasaan bab-bab yang seterusnya, maka kami sediakan langkah kerja untuk memudahkan tugas ibu bapa, atau pelajar itu sendiri untuk membuat rujukan kepada tahap kefahaman mereka agar penguasaan bab pecahan dapat dikuasai dengan baik, pantas dan berkesan insyaAllah.

BAHAGIAN PERTAMA

Latihan pecahan untuk anak-anak

PECAHAN : TAMBAH

Soalan Konsep 1

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

2. $9 + \frac{3}{4} =$

3. $8 + \frac{5}{12} =$

4. $7 + \frac{4}{7} =$

5. $2 + \frac{1}{2} =$

PECAHAN : TAMBAH

Soalan Konsep 2

1. $\frac{2}{5} + \frac{1}{5} =$

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

3. $3\frac{7}{12} + 2\frac{1}{12} =$

4. $2\frac{2}{7} + 6\frac{4}{7} =$

5. $4\frac{1}{4} + 6\frac{2}{4} =$

PECAHAN : TAMBAH

Soalan Konsep 3

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

2. $\frac{2}{3} + \frac{3}{4} =$

3. $\frac{2}{3} + \frac{5}{7} =$

4. $6\frac{2}{3} + 9\frac{4}{7} =$

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

PECAHAN : TAMBAH

Soalan Konsep 4

1. $\frac{2}{4} + \frac{2}{12} =$

2. $\frac{2}{3} + \frac{3}{6} =$

3. $\frac{3}{5} + \frac{5}{15} =$

4. $5\frac{2}{14} + 2\frac{4}{7} =$

5. $4\frac{2}{9} + 2\frac{1}{3} =$

PECAHAN : TOLAK

Soalan Konsep 1

1. $6 - \frac{2}{3} =$

2. $9 - \frac{3}{4} =$

3. $8 - \frac{5}{12} =$

4. $7 - \frac{4}{7} =$

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

PECAHAN : TOLAK

Soalan Konsep 2

1. $\frac{5}{9} - \frac{4}{9} =$

2. $\frac{3}{4} - \frac{2}{4} =$

3. $\frac{4}{3} - \frac{2}{3} =$

4. $4\frac{9}{7} - 2\frac{4}{7} =$

5. $5\frac{2}{6} - 3\frac{1}{6} =$

PECAHAN : TOLAK

Soalan Konsep 3

$$1. \quad \frac{2}{3} - \frac{2}{4} =$$

$$2. \quad \frac{4}{5} - \frac{3}{8} =$$

$$3. \quad \frac{3}{4} - \frac{5}{9} =$$

$$4. \quad \frac{2}{3} - \frac{4}{7} =$$

$$5. \quad \frac{2}{3} - \frac{1}{2} =$$

PECAHAN : TOLAK

Soalan Konsep 4

$$1. \quad \frac{2}{3} - \frac{4}{9} =$$

$$2. \quad \frac{1}{2} - \frac{3}{8} =$$

$$3. \quad \frac{2}{3} - \frac{5}{12} =$$

$$4. \quad \frac{2}{3} - \frac{4}{12} =$$

$$5. \quad \frac{2}{9} - \frac{1}{81} =$$

PECAHAN : TOLAK

Soalan Konsep 5

$$1. 5\frac{2}{3} - 2\frac{5}{7} =$$

$$2. 7\frac{2}{3} - 4\frac{3}{4} =$$

$$3. 8\frac{2}{3} - 3\frac{4}{5} =$$

$$4. 9\frac{2}{3} - 4\frac{4}{5} =$$

$$5. 5\frac{2}{4} - 4\frac{4}{7} =$$

PECAHAN : DARAB

Soalan Konsep 1

1. $6 \times \frac{2}{5} =$

2. $9 \times \frac{3}{4} =$

3. $8 \times \frac{5}{3} =$

4. $7 \times \frac{4}{7} =$

5. $2 \times \frac{1}{3} =$

PECAHAN : DARAB

Soalan Konsep 2

1. $\frac{4}{5} \times \frac{2}{7} =$

2. $\frac{2}{7} \times \frac{3}{4} =$

3. $\frac{6}{8} \times \frac{5}{9} =$

4. $\frac{3}{5} \times \frac{4}{7} =$

5. $\frac{2}{6} \times \frac{1}{2} =$

PECAHAN : BAHAGI

Soalan Konsep 1

1. $6 \div \frac{2}{3} =$

2. $9 \div \frac{3}{4} =$

3. $8 \div \frac{5}{7} =$

4. $7 \div \frac{4}{7} =$

5. $3 \div \frac{2}{3} =$

PECAHAN : BAHAGI

Soalan Konsep 2

1. $\frac{4}{7} \div 4 =$

2. $\frac{3}{6} \div 6 =$

3. $\frac{9}{4} \div 3 =$

4. $\frac{5}{7} \div 8 =$

5. $\frac{4}{5} \div 2 =$

PECAHAN : BAHAGI

Soalan Konsep 3

$$1. \quad \frac{4}{7} \div \frac{1}{3} =$$

$$2. \quad \frac{3}{6} \div \frac{3}{5} =$$

$$3. \quad \frac{9}{4} \div \frac{2}{3} =$$

$$4. \quad \frac{5}{7} \div \frac{4}{7} =$$

$$5. \quad \frac{4}{5} \div \frac{2}{5} =$$

PECAHAN : LATIH-TUBI

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

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

3. $\frac{2}{3} \div \frac{5}{7} =$

4. $9\frac{1}{3} - 5\frac{4}{7} =$

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

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

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

8. $\frac{2}{3} \div \frac{5}{7} =$

9. $9\frac{1}{3} - 5\frac{4}{7} =$

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

11. $4\frac{1}{6} + \frac{7}{8} =$

12. $\frac{6}{7} \times \frac{1}{4} =$

13. $\frac{4}{5} \div \frac{2}{9} =$

14. $8\frac{5}{7} - 3\frac{1}{9} =$

15. $6\frac{2}{9} + 8\frac{3}{4} =$

16. $6 + \frac{2}{5} =$

17. $8 \times \frac{3}{4} =$

18. $5 \div \frac{5}{7} =$

19. $8 - \frac{4}{7} =$

$$20. \quad 6\frac{1}{3} + 2\frac{4}{7} =$$

$$30. \quad 6 + 5\frac{1}{2} =$$

$$21. \quad \frac{1}{3} + \frac{2}{15} =$$

$$31. \quad \frac{2}{3} + \frac{2}{5} =$$

$$22. \quad \frac{2}{3} \times 5 =$$

$$32. \quad 8 \times \frac{3}{4} =$$

$$23. \quad \frac{2}{3} \div 9 =$$

$$33. \quad \frac{2}{9} \div \frac{1}{7} =$$

$$24. \quad 4\frac{2}{3} - 5\frac{4}{7} =$$

$$34. \quad 7 - 3\frac{4}{5} =$$

$$25. \quad 9\frac{1}{8} + 5\frac{1}{24} =$$

$$35. \quad 2\frac{2}{7} + 5\frac{4}{9} =$$

$$26. \quad \frac{2}{3} + \frac{8}{9} =$$

$$36. \quad 8 - \frac{2}{5} =$$

$$27. \quad \frac{1}{3} \times \frac{3}{8} =$$

$$37. \quad \frac{2}{3} \times \frac{3}{4} =$$

$$28. \quad 8 \div \frac{5}{7} =$$

$$38. \quad \frac{1}{3} \div \frac{5}{6} =$$

$$29. \quad 9\frac{1}{3} - 7 =$$

$$39. \quad 9\frac{1}{3} - 5\frac{4}{7} =$$

$$40. \quad 3\frac{2}{3} + 5\frac{1}{2} =$$

$$50. \quad 1\frac{2}{3} + 5\frac{1}{9} =$$

$$41. \quad 9 + \frac{2}{5} =$$

$$42. \quad \frac{2}{3} \times 8 =$$

$$43. \quad \frac{2}{3} \div \frac{5}{7} =$$

$$44. \quad 8\frac{1}{3} - 2\frac{8}{9} =$$

$$45. \quad 3\frac{2}{3} + 5\frac{1}{3} =$$

$$46. \quad \frac{2}{3} + \frac{1}{5} =$$

$$47. \quad \frac{2}{3} \times \frac{3}{9} =$$

$$48. \quad \frac{2}{3} \div 9 =$$

$$49. \quad 9\frac{7}{8} - 5\frac{4}{7} =$$

BAHAGIAN KEDUA

Jalan kerja untuk rujukan ibu bapa

PECAHAN : TAMBAH

Jawapan Konsep 1

$$1. \quad 6 + \frac{2}{3} = 6\frac{2}{3}$$

[6: Nombor Bulat, $\frac{2}{3}$: pecahan, $6\frac{2}{3}$: pecahan bercampur]

$$2. \quad 9 + \frac{3}{4} = 9\frac{3}{4}$$

[9: Nombor Bulat, $\frac{3}{4}$: pecahan, $9\frac{3}{4}$: pecahan bercampur]

$$3. \quad 8 + \frac{5}{12} = 8\frac{5}{12}$$

[8: Nombor Bulat, $\frac{5}{12}$: pecahan, $8\frac{5}{12}$: pecahan bercampur]

$$4. \quad 7 + \frac{4}{7} = 7\frac{4}{7}$$

[7: Nombor Bulat, $\frac{4}{7}$: pecahan, $7\frac{4}{7}$: pecahan bercampur]

$$5. \quad 2 + \frac{1}{2} = 2\frac{1}{2}$$

[2: Nombor Bulat, $\frac{1}{2}$: pecahan, $2\frac{1}{2}$: pecahan bercampur]

PECAHAN : TAMBAH

Jawapan Konsep 2

$$1. \quad \frac{2(\text{pengangka})}{5(\text{penyebut})} + \frac{1(\text{pengangka})}{5(\text{penyebut})} = \frac{3}{5}$$

[Dalam pecahan tambah, pastikan nombor penyebut sama, baru dijumlahkan nilai pengangka]

$$2. \quad \frac{2}{7} + \frac{3}{7} = \frac{5}{7}$$

$$3. \quad 3\frac{7}{12} + 2\frac{1}{12} = 5\frac{8}{12} = 5\frac{2}{3}$$

$$4. \quad 2\frac{2}{7} + 6\frac{4}{7} = 8\frac{6}{7}$$

$$5. \quad 4\frac{1}{4} + 6\frac{2}{4} = 10\frac{3}{4}$$

PECAHAN : TAMBAH

Jawapan Konsep 3

$$1. \quad \frac{2}{3} + \frac{2}{5} = \frac{2 \times 5}{3 \times 5} + \frac{2 \times 3}{5 \times 3} = \frac{10}{15} + \frac{6}{15} = \frac{16}{15} = 1 \frac{1}{15}$$

[Apabila nombor **penyebut tidak sama**, samakan penyebut dengan cara darabkan sesama penyebut, baru dijumlahkan nilai pengangka]

$$2. \quad \frac{2}{3} + \frac{3}{4} = \frac{2 \times 4}{3 \times 4} + \frac{3 \times 3}{4 \times 3} = \frac{8}{12} + \frac{9}{12} = \frac{17}{12} = 1 \frac{5}{12}$$

$$3. \quad \frac{2}{3} + \frac{5}{7} = \frac{2 \times 7}{3 \times 7} + \frac{5 \times 3}{7 \times 3} = \frac{14}{21} + \frac{15}{21} = \frac{29}{21} = 1 \frac{8}{21}$$

$$4. \quad 6\frac{2}{3} + 9\frac{4}{7} = 6\frac{2 \times 7}{3 \times 7} + 9\frac{4 \times 3}{7 \times 3} = 6\frac{14}{21} + 9\frac{12}{21} = 15\frac{26}{21} = 16\frac{5}{21}$$

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

PECAHAN : TAMBAH

Jawapan Konsep 4

$$1. \quad \frac{2}{4} + \frac{2}{12} = \frac{2 \times 3}{4 \times 3} + \frac{2}{12} = \frac{6}{12} + \frac{2}{12} = \frac{8}{12} = \frac{2}{3}$$

[Dalam keadaan tertentu, apabila nombor **penyebut tidak sama**, samakan penyebut dengan cara darabkan penyebut **pada satu bahagian sahaja**. baru dijumlahkan nilai pengangka]

$$2. \quad \frac{2}{3} + \frac{3}{6} = \frac{2 \times 2}{3 \times 2} + \frac{3}{6} = \frac{7}{6} = 1 \frac{1}{6}$$

$$3. \quad \frac{3}{5} + \frac{5}{15} = \frac{3 \times 3}{5 \times 3} + \frac{5}{15} = \frac{14}{15}$$

$$4. \quad 5 \frac{2}{14} + 2 \frac{4}{7} = 5 \frac{2}{14} + 2 \frac{4 \times 2}{7 \times 2} = 7 \frac{10}{14} = 7 \frac{5}{7}$$

$$5. \quad 4 \frac{2}{9} + 2 \frac{1}{3} = 4 \frac{2}{9} + 2 \frac{1 \times 3}{3 \times 3} = 6 \frac{5}{9}$$

PECAHAN : TOLAK

Jawapan Konsep 1

$$1. \quad 6 - \frac{2}{3} = 5\frac{3}{3} - \frac{2}{3} = 5\frac{1}{3}$$

[Apabila nombor bulat ditolakkan dengan pecahan, maka tukarkan nombor bulat tersebut kepada nombor pecahan terlebih dulu, kemudian baru ditolakkan nilai pengangka.]

$$2. \quad 9 - \frac{3}{4} = 8\frac{4}{4} - \frac{3}{4} = 8\frac{1}{4}$$

$$3. \quad 8 - \frac{5}{12} = 7\frac{12}{12} - \frac{5}{12} = 7\frac{7}{12}$$

$$4. \quad 7 - \frac{4}{7} = 6\frac{7}{7} - \frac{4}{7} = 6\frac{3}{7}$$

$$5. \quad 2 - \frac{1}{2} = 1\frac{2}{2} - \frac{1}{2} = 1\frac{1}{2}$$

PECAHAN : TOLAK

Jawapan Konsep 2

$$1. \quad \frac{5}{9} - \frac{4}{9} = \frac{1}{9}$$

[Dalam pecahan tolak, pastikan nombor penyebut sama, baru ditolakkan nilai pengangka]

$$2. \quad \frac{3}{4} - \frac{2}{4} = \frac{1}{4}$$

$$3. \quad \frac{4}{3} - \frac{2}{3} = \frac{2}{3}$$

$$4. \quad 4\frac{9}{7} - 2\frac{4}{7} = 2\frac{5}{7}$$

$$5. \quad 5\frac{2}{6} - 3\frac{1}{6} = 2\frac{1}{6}$$

PECAHAN : TOLAK

Jawapan Konsep 3

$$1. \quad \frac{2}{3} - \frac{2}{4} = \frac{2 \times 4}{3 \times 4} - \frac{2 \times 3}{4 \times 3} = \frac{8}{12} - \frac{6}{12} = \frac{2}{12} = \frac{1}{6}$$

[Apabila nombor **penyebut tidak sama**, samakan penyebut dengan cara darabkan sesama penyebut, baru ditolakkan nilai pengangka]

$$2. \quad \frac{4}{5} - \frac{3}{8} = \frac{4 \times 8}{5 \times 8} - \frac{3 \times 5}{8 \times 5} = \frac{32}{40} - \frac{15}{40} = \frac{17}{40}$$

$$3. \quad \frac{3}{4} - \frac{5}{9} = \frac{3 \times 9}{4 \times 9} - \frac{5 \times 4}{9 \times 4} = \frac{27}{36} - \frac{20}{36} = \frac{7}{36}$$

$$4. \quad \frac{2}{3} - \frac{4}{7} = \frac{2 \times 7}{3 \times 7} - \frac{4 \times 3}{7 \times 3} = \frac{14}{21} - \frac{12}{21} = \frac{2}{21}$$

$$5. \quad \frac{2}{3} - \frac{1}{2} = \frac{2 \times 2}{3 \times 2} - \frac{1 \times 3}{2 \times 3} = \frac{4}{6} - \frac{3}{6} = \frac{1}{6}$$

PECAHAN : TOLAK

Jawapan Konsep 4

$$1. \quad \frac{2}{3} - \frac{4}{9} = \frac{2 \times 3}{3 \times 3} - \frac{4}{9} = \frac{6}{9} - \frac{4}{9} = \frac{2}{9}$$

[Dalam keadaan tertentu, apabila nombor penyebut tidak sama, samakan penyebut dengan cara darabkan penyebut **pada satu bahagian sahaja**. baru ditolakkan nilai pengangka]

$$2. \quad \frac{1}{2} - \frac{3}{8} = \frac{1 \times 4}{2 \times 4} - \frac{3}{8} = \frac{4}{8} - \frac{3}{8} = \frac{1}{8}$$

$$3. \quad \frac{2}{3} - \frac{5}{12} = \frac{2 \times 4}{3 \times 4} - \frac{5}{12} = \frac{8}{12} - \frac{5}{12} = \frac{3}{12} = \frac{1}{4}$$

$$4. \quad \frac{2}{3} - \frac{4}{12} = \frac{2 \times 4}{3 \times 4} - \frac{4}{12} = \frac{8}{12} - \frac{4}{12} = \frac{4}{12} = \frac{1}{3}$$

$$5. \quad \frac{2}{9} - \frac{1}{81} = \frac{2 \times 9}{9 \times 9} - \frac{1}{81} = \frac{18}{81} - \frac{1}{81} = \frac{17}{81}$$

PECAHAN : TOLAK

Jawapan Konsep 5

$$1. \quad 5\frac{2}{3} - 2\frac{5}{7} = 5\frac{2 \times 7}{3 \times 7} - 2\frac{5 \times 3}{7 \times 3} = 5\frac{14}{21} - 2\frac{15}{21} =$$

$$5 - 1\frac{14+21}{21} - 2\frac{15}{21} = 4\frac{35}{21} - 2\frac{15}{21} = 2\frac{20}{21}$$

[Apabila telah disamakan nilai penyebut, tetapi nilai pengangka tidak boleh ditolakkan (**kerana nilai kecil tidak boleh ditolak nilai besar**), maka **nombor bulat perlu ditolakkan dengan '1'**, dan **nilai pengangka perlu ditambahkan dengan nilai yang sama dengan penyebut**.

$$2. \quad 7\frac{2}{3} - 4\frac{3}{4} = 7\frac{2 \times 4}{3 \times 4} - 4\frac{3 \times 3}{4 \times 3} = 7\frac{8}{12} - 4\frac{9}{12} =$$

$$7 - 1\frac{8+12}{12} - 4\frac{9}{12} = 6\frac{20}{12} - 4\frac{9}{12} = 2\frac{11}{12}$$

$$3. \quad 8\frac{2}{3} - 3\frac{4}{5} = 8\frac{2 \times 5}{3 \times 5} - 3\frac{4 \times 3}{5 \times 3} = 8\frac{10}{15} - 3\frac{12}{15} =$$

$$8 - 1\frac{10+15}{15} - 3\frac{12}{15} = 7\frac{25}{15} - 3\frac{12}{15} = 4\frac{13}{15}$$

$$\begin{aligned}
 4. \quad 9\frac{2}{3} - 4\frac{4}{5} &= 9\frac{2 \times 5}{3 \times 5} - 4\frac{4 \times 3}{5 \times 3} = 9\frac{10}{15} - 4\frac{12}{15} = \\
 9 - 1\frac{10+15}{15} - 4\frac{12}{15} &= 8\frac{25}{15} - 4\frac{12}{15} = 4\frac{13}{15}
 \end{aligned}$$

$$\begin{aligned}
 5. \quad 5\frac{2}{4} - 4\frac{4}{7} &= 5\frac{2 \times 7}{4 \times 7} - 4\frac{4 \times 4}{7 \times 4} = 5\frac{14}{28} - 4\frac{16}{28} = \\
 5 - 1\frac{14+28}{28} - 4\frac{16}{28} &= 4\frac{42}{28} - 4\frac{16}{28} = \frac{26}{28} = \frac{13}{14}
 \end{aligned}$$

PECAHAN : DARAB

Jawapan Konsep 1

$$1. \quad 6 \times \frac{2}{5} = \frac{6}{1} \times \frac{2}{5} = \frac{12}{5} = 2\frac{2}{5}$$

[Apabila nombor bulat didarabkan dengan pecahan, maka jadikan nombor bulat kepada nombor pecahan dengan penyebut '1'. PENTING! Dalam pecahan darab, **tidak perlu samakan nilai penyebutnya**. Terus darab seperti biasa.

$$2. \quad 9 \times \frac{3}{4} = \frac{9}{1} \times \frac{3}{4} = \frac{27}{4} = 6\frac{3}{4}$$

$$3. \quad 8 \times \frac{5}{3} = \frac{8}{1} \times \frac{5}{3} = \frac{40}{3} = 13\frac{1}{3}$$

$$4. \quad 7 \times \frac{4}{7} = \frac{7}{1} \times \frac{4}{7} = \frac{28}{7} = 4$$

$$5. \quad 2 \times \frac{1}{3} = \frac{2}{1} \times \frac{1}{3} = \frac{2}{3}$$

PECAHAN : DARAB

Jawapan Konsep 2

$$1. \quad \frac{4}{5} \times \frac{2}{7} = \frac{8}{35}$$

[Dalam pecahan darab, **tidak perlu samakan nilai penyebutnya**. Terus darab seperti biasa]

$$2. \quad \frac{2}{7} \times \frac{3}{4} = \frac{6}{28} = \frac{3}{14}$$

$$3. \quad \frac{6}{8} \times \frac{5}{9} = \frac{30}{72} = \frac{5}{12}$$

$$4. \quad \frac{3}{5} \times \frac{4}{7} = \frac{12}{35}$$

$$5. \quad \frac{2}{6} \times \frac{1}{2} = \frac{2}{12} = \frac{1}{6}$$

PECAHAN : BAHAGI

Jawapan Konsep 1

$$1. \quad 6 \div \frac{2}{3} = 6 \times \frac{3}{2} = \frac{6}{1} \times \frac{3}{2} = \frac{18}{2} = \mathbf{9}$$

[Dalam pecahan bahagi, pertama, kita perlu tukarkan pecahan bahagi kepada pecahan darab dengan cara **terbalikkan pecahan di sebelah kanan sahaja**. Kemudian darabkan seperti konsep pecahan darab 1 :- (melibatkan nombor bulat dan pecahan)]

$$2. \quad 9 \div \frac{3}{4} = 9 \times \frac{4}{3} = \frac{9}{1} \times \frac{4}{3} = \frac{36}{3} = \mathbf{12}$$

$$3. \quad 8 \div \frac{5}{7} = 8 \times \frac{7}{5} = \frac{8}{1} \times \frac{7}{5} = \frac{56}{5} = \mathbf{11\frac{1}{5}}$$

$$4. \quad 7 \div \frac{4}{7} = 7 \times \frac{7}{4} = \frac{7}{1} \times \frac{7}{4} = \frac{49}{4} = \mathbf{12\frac{1}{4}}$$

$$5. \quad 3 \div \frac{2}{3} = 3 \times \frac{3}{2} = \frac{3}{1} \times \frac{3}{2} = \frac{9}{2} = \mathbf{4\frac{1}{2}}$$

PECAHAN : BAHAGI

Jawapan Konsep 2

$$1. \quad \frac{4}{7} \div 4 = \frac{4}{7} \div \frac{4}{1} = \frac{4}{7} \times \frac{1}{4} = \frac{4}{28} = \frac{1}{7}$$

[Jadikan nombor bulat kepada nombor pecahan dengan **penyebut '1'**.
Kemudian, kita perlu tukarkan pecahan bahagi kepada pecahan darab dengan cara **terbalikkan pecahan di sebelah kanan sahaja**. Kemudian darabkan seperti biasa]

$$2. \quad \frac{3}{6} \div 6 = \frac{3}{6} \div \frac{6}{1} = \frac{3}{6} \times \frac{1}{6} = \frac{3}{36} = \frac{1}{12}$$

$$3. \quad \frac{9}{4} \div 3 = \frac{9}{4} \div \frac{3}{1} = \frac{9}{4} \times \frac{1}{3} = \frac{9}{12} = \frac{3}{4}$$

$$4. \quad \frac{5}{7} \div 8 = \frac{5}{7} \div \frac{8}{1} = \frac{5}{7} \times \frac{1}{8} = \frac{5}{56}$$

$$5. \quad \frac{4}{5} \div 2 = \frac{4}{5} \div \frac{2}{1} = \frac{4}{5} \times \frac{1}{2} = \frac{4}{10} = \frac{2}{5}$$

PECAHAN : BAHAGI

Jawapan Konsep 3

$$1. \quad \frac{4}{7} \div \frac{1}{3} = \frac{4}{7} \times \frac{3}{1} = \frac{12}{7} = 1\frac{5}{7}$$

[Tukarkan pecahan bahagi kepada pecahan darab dengan cara **terbalikkan pecahan di sebelah kanan sahaja**. Kemudian darabkan seperti biasa]

$$2. \quad \frac{3}{6} \div \frac{3}{5} = \frac{3}{6} \times \frac{5}{3} = \frac{15}{18} = \frac{5}{6}$$

$$3. \quad \frac{9}{4} \div \frac{2}{3} = \frac{9}{4} \times \frac{3}{2} = \frac{27}{8} = 3\frac{3}{8}$$

$$4. \quad \frac{5}{7} \div \frac{4}{7} = \frac{5}{7} \times \frac{7}{4} = \frac{35}{28} = 1\frac{7}{28} = 1\frac{1}{4}$$

$$5. \quad \frac{4}{5} \div \frac{2}{5} = \frac{4}{5} \times \frac{5}{2} = \frac{20}{10} = 2$$

PECAHAN : LATIH-TUBI

$$1. \frac{2}{3} + \frac{2}{5} = \frac{16}{15} = 1\frac{1}{15}$$

$$2. \frac{2}{3} \times \frac{3}{4} = \frac{6}{12} = \frac{1}{2}$$

$$3. \frac{2}{3} \div \frac{5}{7} = \frac{14}{15}$$

$$4. 9\frac{1}{3} - 5\frac{4}{7} = 3\frac{16}{21}$$

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

$$6. \frac{2}{3} + \frac{2}{5} = \frac{16}{15} = 1\frac{1}{15}$$

$$7. \frac{2}{3} \times \frac{3}{4} = \frac{6}{12} = \frac{1}{2}$$

$$8. \frac{2}{3} \div \frac{5}{7} = \frac{14}{15}$$

$$9. 9\frac{1}{3} - 5\frac{4}{7} = 3\frac{16}{21}$$

$$10. 3\frac{2}{3} + 5\frac{1}{2} = 8\frac{7}{6} = 9\frac{1}{6}$$

$$11. 4\frac{1}{6} + \frac{7}{8} = 4\frac{50}{48} = 5\frac{2}{48} = 5\frac{1}{24}$$

$$12. \frac{6}{7} \times \frac{1}{4} = \frac{6}{28}$$

$$13. \frac{4}{5} \div \frac{2}{9} = \frac{36}{10} = 3\frac{6}{10} = 3\frac{3}{5}$$

$$14. 8\frac{5}{7} - 3\frac{1}{9} = 5\frac{38}{63}$$

$$15. 6\frac{2}{9} + 8\frac{3}{4} = 14\frac{35}{36}$$

$$16. 6 + \frac{2}{5} = 6\frac{2}{5}$$

$$17. 8 \times \frac{3}{4} = \frac{24}{4} = 6$$

$$18. 5 \div \frac{5}{7} = \frac{35}{5} = 7$$

$$19. 8 - \frac{4}{7} = 7\frac{3}{7}$$

$$20. \quad 6\frac{1}{3} + 2\frac{4}{7} = 8\frac{19}{21}$$

$$30. \quad 6 + 5\frac{1}{2} = 10\frac{3}{2} = 11\frac{1}{2}$$

$$21. \quad \frac{1}{3} + \frac{2}{15} = \frac{7}{15}$$

$$31. \quad \frac{2}{3} + \frac{2}{5} = \frac{16}{15} = 1\frac{1}{15}$$

$$22. \quad \frac{2}{3} \times 5 = 3\frac{1}{3}$$

$$32. \quad 8 \times \frac{3}{4} = \frac{24}{4} = 6$$

$$23. \quad \frac{2}{3} \div 9 = \frac{2}{27}$$

$$33. \quad \frac{2}{9} \div \frac{1}{7} = \frac{14}{9}$$

$$24. \quad 4\frac{2}{3} - 5\frac{4}{7} = 9\frac{26}{21}$$

$$34. \quad 7 - 3\frac{4}{5} = 3\frac{1}{5}$$

$$25. \quad 9\frac{1}{8} + 5\frac{1}{24} = 14\frac{4}{24} = 14\frac{1}{6}$$

$$35. \quad 2\frac{2}{7} + 5\frac{4}{9} = 7\frac{46}{63}$$

$$26. \quad \frac{2}{3} + \frac{8}{9} = \frac{14}{9} = 1\frac{5}{9}$$

$$36. \quad 8 - \frac{2}{5} = 7\frac{3}{5}$$

$$27. \quad \frac{1}{3} \times \frac{3}{8} = \frac{3}{24} = \frac{1}{8}$$

$$37. \quad \frac{2}{3} \times \frac{3}{4} = \frac{6}{12} = \frac{1}{2}$$

$$28. \quad 8 \div \frac{5}{7} = \frac{56}{5} = 11\frac{1}{5}$$

$$38. \quad \frac{1}{3} \div \frac{5}{6} = \frac{6}{15}$$

$$29. \quad 9\frac{1}{3} - 7 = 2\frac{1}{3}$$

$$39. \quad 9\frac{1}{3} - 5\frac{4}{7} = 3\frac{16}{21}$$

$$40. \quad 3\frac{2}{3} + 5\frac{1}{2} = 8\frac{7}{6} = 9\frac{1}{6}$$

$$50. \quad 1\frac{2}{3} + 5\frac{1}{9} = 6\frac{7}{9}$$

$$41. \quad 9 + \frac{2}{5} = 9\frac{2}{5}$$

$$42. \quad \frac{2}{3} \times 8 = \frac{16}{3} = 5\frac{1}{3}$$

$$43. \quad \frac{2}{3} \div \frac{5}{7} = \frac{14}{15}$$

$$44. \quad 8\frac{1}{3} - 2\frac{8}{9} = 5\frac{4}{9}$$

$$45. \quad 3\frac{2}{3} + 5\frac{1}{3} = 8\frac{3}{3} = 9$$

$$46. \quad \frac{2}{3} + \frac{1}{5} = \frac{13}{15}$$

$$47. \quad \frac{2}{3} \times \frac{3}{9} = \frac{6}{27}$$

$$48. \quad \frac{2}{3} \div 9 = \frac{2}{27}$$

$$49. \quad 9\frac{7}{8} - 5\frac{4}{7} = 4\frac{17}{56}$$