

التمرين رقم 1

أنجز العمليات ثم اختصر

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

$$B = \frac{3}{4} \times \frac{5}{4}$$

$$C = \frac{15}{6} - \frac{4}{3}$$

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

$$E = \frac{11}{21} + \frac{7}{3} - \frac{2}{7}$$

$$F = \frac{6}{15} - \frac{1}{5} + \frac{4}{3}$$

$$G = \frac{7}{8} - \left(\frac{7}{4} - \frac{3}{2} \right)$$

$$H = \frac{5}{3} \times \frac{7}{6}$$

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

أحسب ما يلي

$$H = 3 + \frac{4}{7}$$

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

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

$$K = 6 \times \frac{15}{2}$$

$$L = \frac{7}{3} + 5$$

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

التمرين رقم 2

أكمل الجداول التالية

$\frac{2}{7}$	+		=	$\frac{13}{7}$
+		-		+
	-		=	
=		=		=
	+	$\frac{5}{7}$	=	$\frac{17}{7}$

	-	$\frac{13}{9}$	=	$\frac{7}{9}$
-		-		-
	-		=	
=		=		=
$\frac{5}{9}$	-	$\frac{1}{9}$	=	

$\frac{2}{3}$	×	$\frac{5}{9}$	=	
×		×		×
$\frac{3}{2}$	×		=	$\frac{9}{4}$
=		=		=
	×		=	

	×	$\frac{2}{3}$	=	$\frac{14}{12}$
×		×		×
$\frac{3}{11}$	×		=	
=		=		=
	×		=	$\frac{7}{4}$

التمرين رقم 3

أكمل بما يناسب

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

$$b. \frac{2}{3} + \frac{\square}{\square} = \frac{19}{6}$$

$$c. \frac{15}{51} - \frac{\square}{\square} = \frac{6}{51}$$

$$d. \frac{7}{4} - \frac{\square}{\square} = 1$$

$$e. \frac{5}{3} \times \frac{\square}{\square} = \frac{10}{21}$$

$$f. 4 \times \frac{\square}{\square} = \frac{8}{20}$$

التمرين رقم 4

إختصر الكسور ثم أحسب

$$A = \frac{6}{12} + \frac{10}{15}$$

$$B = \frac{14}{8} - \frac{15}{12}$$

$$C = \frac{24}{9} + \frac{5}{30} - \frac{21}{14}$$

$$D = \frac{23}{18} - \left(\frac{15}{10} - \frac{14}{21} \right)$$

$$E = \frac{72}{120} + \frac{168}{144}$$

$$F = \frac{105}{60} + \frac{63}{36}$$