

Five a day

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

$$\begin{array}{r} 8 \\ 3 \end{array} \begin{array}{r} 16 \\ 6 \end{array} \begin{array}{r} 32 \\ 9 \end{array} \begin{array}{r} 12 \\ 15 \\ 18 \\ 21 \end{array} \begin{array}{r} 24 \\ 24 \end{array}$$

$$\frac{4 \times 3 = 12}{8} \quad \frac{1}{3} \times 8 = \frac{8}{24}$$

$$\frac{12}{24} - \frac{8}{24} = \frac{4}{24} = \frac{\cancel{4}^1}{\cancel{24}^6} = \frac{1}{6}$$

$$634 \times 76 =$$

$$\begin{array}{r} 234 \\ 634 \\ \times 76 \\ \hline 3804 \\ 44380 \\ \hline 48184 \end{array}$$

$$6750 \div 1000 =$$

→ 3 places

$$\begin{array}{r} 6750 \\ 6750 \\ \hline 6.750 \end{array}$$

Monday 29th June 2020

$$126 + (5^2 \times 3)$$

BODMAS

Brackets first. Then operation

$$5^2 = 5 \times 5 = 25$$

$$\begin{array}{r} 126 \\ + 75 \\ \hline 201 \end{array}$$

$$156.3 - 7.457 =$$

$$\begin{array}{r} 156.300 \\ - 7.457 \\ \hline 148.843 \end{array}$$

A box contains trays of melons. There are 15 melons in a tray. There are 3 trays in a box. A supermarket sells 40 boxes of melons. How many melons does the supermarket sell?

$$\begin{array}{r} 15 \\ \times 3 \\ \hline 45 \end{array} \quad \begin{array}{r} 45 \\ \times 4 \\ \hline 180 \end{array} \quad \begin{array}{r} 180 \\ \times 10 \\ \hline 1800 \end{array}$$

Now check each answer by using a different calculation e.g. the inverse or another method

Five a day

$$\begin{array}{r} 5 - 2 = \\ 7 \quad 5 \end{array}$$

$$\begin{array}{r} 5 \quad 10 \quad 15 \quad 20 \quad 25 \quad 30 \quad 35 \quad 40 \\ 7 \quad 14 \quad 21 \quad 28 \quad 35 \end{array}$$

$$\begin{array}{r} 5 \times 5 = 25 \\ 7 \quad 35 \end{array}$$

$$\frac{2}{5} \times 7 = \frac{14}{35}$$

$$\frac{25}{35} - \frac{14}{35} = \frac{11}{35}$$

$$\frac{11}{35}$$

$$487 \times 39 =$$

$$\begin{array}{r} 487 \\ \times 39 \\ \hline 4383 \\ 14610 \\ \hline 18993 \end{array}$$

$$18993$$

$$3420 \div 1000 = \rightarrow 3 \text{ places}$$

$$\begin{array}{r} 3420 \\ 3 \cdot 420 \end{array}$$

$$3.420$$

Tuesday 30th June 2020

175 + (7² x 7) BOOMAS Brackets first.

$$7^2 = 7 \times 7 = 49$$

$$\begin{array}{r} 49 \\ \times 7 \\ \hline 343 \end{array}$$

$$518$$

$$143.6 - 9.308 =$$

$$\begin{array}{r} 143.600 \\ - 9.308 \\ \hline 134.292 \end{array}$$

$$134.292$$

A box contains trays of melons. There are 19 melons in a tray. There are 4 trays in a box. A supermarket sells 30 boxes of melons. How many melons does the supermarket sell?

$$\begin{array}{r} 19 \\ \times 4 \\ \hline 76 \\ 3 \end{array}$$

$$\begin{array}{r} 76 \\ \times 3 \\ \hline 228 \\ 1 \end{array}$$

$$30 = 3 \times 10$$

$$228 \times 10$$

$$= 2280$$

Now check each answer by using a different calculation e.g. the inverse or another method

Five a day

$$\frac{6}{9} - \frac{2}{4} =$$

$$\frac{4}{9} \times \frac{18}{18} = \frac{4 \times 18}{9 \times 18} = \frac{72}{162}$$

$$\frac{2}{4} \times \frac{9}{9} = \frac{2 \times 9}{4 \times 9} = \frac{18}{36}$$

$$\frac{72}{162} - \frac{18}{36} = \frac{72}{162} - \frac{81}{162} = \frac{-9}{162} = \frac{-1}{18}$$

$$\frac{1}{6}$$

$$367 \times 56 =$$

$$\begin{array}{r} 367 \\ \times 56 \\ \hline 2202 \\ 18350 \\ \hline 20552 \end{array}$$

$$20552$$

$$7230 \div 1000 =$$

→ 3 places

$$7230 \div 1000 = 7.230$$

$$7.230$$

Wednesday 1st July 2020

$$146 + (9^2 \times 4)$$

BOOMAS Brackets first.

$$9^2 = 9 \times 9 = 81$$

$$\begin{array}{r} 81 \\ \times 4 \\ \hline 324 \end{array}$$

$$470$$

$$156.3 - 6.328 =$$

$$\begin{array}{r} 156.300 \\ - 6.328 \\ \hline 149.972 \end{array}$$

$$149.972$$

A box contains trays of melons. There are 17 melons in a tray. There are 5 trays in a box. A supermarket sells 60 boxes of melons. How many melons does the supermarket sell?

$$\begin{array}{r} 17 \\ \times 5 \\ \hline 85 \\ 3 \end{array}$$

$$60 = 6 \times 10$$

$$\begin{array}{r} 85 \\ \times 6 \\ \hline 510 \\ 3 \end{array} = 510 \times 10 = 5100$$

Now check each answer by using a different calculation e.g. the inverse or another method

Five a day

$$\begin{array}{r} 8 \\ - 1 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 12 \\ 24 \\ 36 \\ 48 \\ \hline 24 \\ 48 \\ 72 \\ 96 \\ 120 \\ 144 \\ 168 \\ 192 \\ 216 \\ 240 \end{array}$$

$$\frac{8}{12} \times 2 = \frac{16}{24} = \frac{1}{2} \times 12 = \frac{12}{24}$$

$$\frac{16}{24} - \frac{12}{24} = \frac{4}{24} = \frac{1}{6}$$

$$\frac{1}{6}$$

$$438 \times 67 =$$

$$\begin{array}{r} 28 \\ 438 \\ \times 67 \\ \hline 3066 \\ 26280 \\ \hline 29346 \end{array}$$

$$29346$$

$$1030 \div 1000 = \rightarrow 3 \text{ PLACES}$$

$$\begin{array}{r} 1030.0 \\ 1.030 \\ \hline \end{array}$$

$$1.030$$

Thursday 2nd July 2020

$$112 + (8^2 \times 5) \quad \text{BOOMAS}$$

$$8^2 = 8 \times 8 = 64$$

$$\begin{array}{r} 64 \\ \times 5 \\ \hline 320 \\ + 320 \\ \hline 432 \end{array}$$

$$432$$

$$182.4 - 7.903 =$$

$$\begin{array}{r} 711 \quad 139 \\ 182.4 \\ - 7.903 \\ \hline 174.497 \end{array}$$

$$174.497$$

A box contains trays of melons. There are 12 melons in a tray. There are 7 trays in a box. A supermarket sells 50 boxes of melons. How many melons does the supermarket sell?

$$\begin{array}{r} 12 \\ \times 7 \\ \hline 84 \\ \\ \hline 84 \end{array}$$

$$50 = 5 \times 10$$

$$420 \times 10$$

$$\begin{array}{r} 84 \\ \times 5 \\ \hline 420 \end{array}$$

$$4200$$

Now check each answer by using a different calculation e.g. the inverse or another method

Five a day

$$\frac{5}{7} - \frac{1}{4} =$$

$$\begin{array}{r} 7 \ 14 \ 21 \ 28 \ 35 \\ 4 \ 8 \ 12 \ 16 \ 20 \ 24 \ 28 \end{array}$$
$$\frac{5}{7} \times 4 = \frac{20}{28}$$
$$\frac{1}{4} \times 7 = \frac{7}{28}$$
$$\frac{20}{28} - \frac{7}{28} = \frac{13}{28}$$

$$543 \times 35 =$$

$$\begin{array}{r} 21 \\ 543 \\ \times 35 \\ \hline 2715 \\ 16290 \\ \hline 19005 \end{array}$$

$$6007 \div 1000 = \rightarrow 3 \text{ PLACES}$$

$$\begin{array}{r} 6007.0 \\ 6.007 \\ \hline 6.007 \end{array}$$

Friday 3rd July 2020

174 + (6² × 9) BOONAS (Brackets first)

$$6^2 = 6 \times 6 = 36$$
$$\begin{array}{r} 36 \\ \times 9 \\ \hline 324 \\ + 174 \\ \hline 498 \end{array}$$

$$145.1 - 8.832 =$$

$$\begin{array}{r} 314109 \\ 148.832 \\ - 8.832 \\ \hline 136.268 \end{array}$$

A box contains trays of melons. There are 19 melons in a tray. There are 5 trays in a box. A supermarket sells 40 boxes of melons. How many melons does the supermarket sell?

$$\begin{array}{r} 19 \\ \times 5 \\ \hline 95 \\ 4 \end{array}$$
$$95 \times 4 = 4 \times 10$$
$$380 \times 10 = 3800$$

Now check each answer by using a different calculation e.g. the inverse or another method