

Mega Mathematician

I can use inverse operations to check answers to calculations.

Calculate the answers to the following calculations and check by using the inverse operation.

$$\begin{array}{r} 1. \quad 7834 \\ + \quad 3621 \\ \hline \\ \hline \end{array} \quad \begin{array}{r} - \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 26\,489 \\ + \quad 11\,214 \\ \hline \\ \hline \end{array} \quad \begin{array}{r} - \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 4693 \\ - \quad 3142 \\ \hline \\ \hline \end{array} \quad \begin{array}{r} + \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 36\,545 \\ - \quad 21\,313 \\ \hline \\ \hline \end{array} \quad \begin{array}{r} + \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 4078 \\ + \quad 2815 \\ \hline \\ \hline \end{array} \quad \begin{array}{r} - \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 57\,624 \\ + \quad 21\,446 \\ \hline \\ \hline \end{array} \quad \begin{array}{r} - \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 5634 \\ - \quad 3471 \\ \hline \\ \hline \end{array} \quad \begin{array}{r} + \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 31\,675 \\ - \quad 20\,262 \\ \hline \\ \hline \end{array} \quad \begin{array}{r} + \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 12\,674 \\ + \quad 1\,215 \\ \hline \\ \hline \end{array} \quad \begin{array}{r} - \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 73\,993 \\ - \quad 41\,723 \\ \hline \\ \hline \end{array} \quad \begin{array}{r} + \\ \hline \\ \hline \end{array}$$

Mega Mathematician

Use the inverse operation to check if these calculations are correct:

$$\begin{array}{r} 8674 \\ - 4532 \\ \hline 4242 \\ \hline \end{array}$$

Correct/Incorrect

$$\begin{array}{r} 6784 \\ + 2514 \\ \hline 9298 \\ \hline \end{array}$$

Correct/Incorrect

$$\begin{array}{r} 14\ 636 \\ + 21\ 353 \\ \hline 33\ 989 \\ \hline \end{array}$$

Correct/Incorrect



Mega Mathematician **Answers**

$$\begin{array}{r} 1. \quad 7\ 834 \\ + \quad 3\ 621 \\ \hline 11\ 455 \\ \hline \end{array}$$

$$\begin{array}{r} 11\ 455 \\ - \quad 3\ 621 \\ \hline 7\ 834 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 26\ 489 \\ + \quad 11\ 214 \\ \hline 37\ 703 \\ \hline \end{array}$$

$$\begin{array}{r} 37\ 703 \\ - \quad 11\ 214 \\ \hline 26\ 489 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 4693 \\ - \quad 3142 \\ \hline 1551 \\ \hline \end{array}$$

$$\begin{array}{r} 1551 \\ + \quad 3142 \\ \hline 4693 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 36\ 545 \\ - \quad 21\ 313 \\ \hline 15\ 232 \\ \hline \end{array}$$

$$\begin{array}{r} 15\ 232 \\ + \quad 21\ 313 \\ \hline 36\ 545 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 4078 \\ + \quad 2815 \\ \hline 6893 \\ \hline \end{array}$$

$$\begin{array}{r} 6893 \\ - \quad 2815 \\ \hline 4078 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 57\ 624 \\ + \quad 21\ 446 \\ \hline 79\ 070 \\ \hline \end{array}$$

$$\begin{array}{r} 79\ 070 \\ - \quad 21\ 446 \\ \hline 57\ 624 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 5634 \\ - \quad 3471 \\ \hline 2163 \\ \hline \end{array}$$

$$\begin{array}{r} 2163 \\ + \quad 3471 \\ \hline 5634 \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 31\ 675 \\ - \quad 20\ 262 \\ \hline 11\ 413 \\ \hline \end{array}$$

$$\begin{array}{r} 11\ 413 \\ + \quad 20\ 262 \\ \hline 31\ 675 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 12\ 674 \\ + \quad 1\ 215 \\ \hline 13\ 889 \\ \hline \end{array}$$

$$\begin{array}{r} 13\ 889 \\ - \quad 1\ 215 \\ \hline 12\ 674 \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 73\ 993 \\ - \quad 41\ 723 \\ \hline 32\ 270 \\ \hline \end{array}$$

$$\begin{array}{r} 32\ 270 \\ + \quad 41\ 723 \\ \hline 73\ 993 \\ \hline \end{array}$$

Mega Mathematician **Answers**

$$\begin{array}{r} 8674 \\ - 4532 \\ \hline 4242 \end{array}$$

$$\begin{array}{r} 4242 \\ + 4532 \\ \hline 8774 \end{array}$$

Correct/**Incorrect**

$$\begin{array}{r} 6784 \\ + 2514 \\ \hline 9298 \end{array}$$

$$\begin{array}{r} 9298 \\ - 2514 \\ \hline 6784 \end{array}$$

Correct/Incorrect

$$\begin{array}{r} 14\ 636 \\ + 21\ 353 \\ \hline 33\ 989 \end{array}$$

$$\begin{array}{r} 33\ 989 \\ - 21\ 353 \\ \hline 12\ 636 \end{array}$$

Correct/**Incorrect**

Mega Mathematician

I can use inverse operations to check answers to calculations.

Calculate the answers to the following calculations and check by using the inverse operation.

1.
$$\begin{array}{r} 3\ 047 \\ + \\ 84\ 602 \\ \hline \\ \hline \end{array}$$
 - _____

6.
$$\begin{array}{r} 73\ 993 \\ - \\ 41\ 723 \\ \hline \\ \hline \end{array}$$
 + _____

2.
$$\begin{array}{r} 26\ 489 \\ + \\ 11\ 214 \\ \hline \\ \hline \end{array}$$
 - _____

7.
$$\begin{array}{r} 26\ 713 \\ + \\ 53\ 475 \\ \hline \\ \hline \end{array}$$
 - _____

3.
$$\begin{array}{r} 36\ 545 \\ - \\ 21\ 313 \\ \hline \\ \hline \end{array}$$
 + _____

8.
$$\begin{array}{r} 60\ 724 \\ - \\ 33\ 251 \\ \hline \\ \hline \end{array}$$
 + _____

4.
$$\begin{array}{r} 57\ 624 \\ + \\ 21\ 446 \\ \hline \\ \hline \end{array}$$
 - _____

9.
$$\begin{array}{r} 74\ 658 \\ - \\ 71\ 943 \\ \hline \\ \hline \end{array}$$
 + _____

5.
$$\begin{array}{r} 31\ 675 \\ - \\ 20\ 262 \\ \hline \\ \hline \end{array}$$
 + _____

10.
$$\begin{array}{r} 50\ 004 \\ - \\ 32\ 061 \\ \hline \\ \hline \end{array}$$
 + _____

Mega Mathematician

Use the inverse operation to check if these calculations are correct:

$$\begin{array}{r} 44\ 735 \\ - 27\ 621 \\ \hline 72\ 365 \end{array} \quad \begin{array}{l} + \\ \hline \\ \hline \end{array} \quad \text{Correct/Incorrect}$$

$$\begin{array}{r} 56\ 472 \\ + 41\ 653 \\ \hline 14\ 219 \end{array} \quad \begin{array}{l} - \\ \hline \\ \hline \end{array} \quad \text{Correct/Incorrect}$$

$$\begin{array}{r} 60\ 407 \\ + 72\ 364 \\ \hline 132\ 761 \end{array} \quad \begin{array}{l} - \\ \hline \\ \hline \end{array} \quad \text{Correct/Incorrect}$$

Challenge – can you explain what mistakes have been made and can you correct them?



Mega Mathematician

Answers

$$\begin{array}{r} 1. \quad 3\ 047 \\ + \quad 84\ 602 \\ \hline 87\ 649 \end{array}$$

$$\begin{array}{r} 87\ 649 \\ - \quad 84\ 602 \\ \hline 3047 \end{array}$$

$$\begin{array}{r} 6. \quad 73\ 993 \\ - \quad 41\ 723 \\ \hline 32\ 270 \end{array}$$

$$\begin{array}{r} 32\ 270 \\ + \quad 41\ 723 \\ \hline 73\ 993 \end{array}$$

$$\begin{array}{r} 2. \quad 26\ 489 \\ + \quad 11\ 214 \\ \hline 37\ 703 \end{array}$$

$$\begin{array}{r} 37\ 703 \\ - \quad 11\ 214 \\ \hline 26\ 489 \end{array}$$

$$\begin{array}{r} 7. \quad 26\ 713 \\ + \quad 53\ 475 \\ \hline 80\ 188 \end{array}$$

$$\begin{array}{r} 80\ 188 \\ - \quad 53\ 475 \\ \hline 26\ 713 \end{array}$$

$$\begin{array}{r} 3. \quad 36\ 545 \\ - \quad 21\ 313 \\ \hline 15\ 232 \end{array}$$

$$\begin{array}{r} 15\ 232 \\ + \quad 21\ 313 \\ \hline 36\ 545 \end{array}$$

$$\begin{array}{r} 8. \quad 60\ 724 \\ - \quad 33\ 251 \\ \hline 27\ 473 \end{array}$$

$$\begin{array}{r} 27\ 473 \\ + \quad 33\ 251 \\ \hline 60\ 724 \end{array}$$

$$\begin{array}{r} 4. \quad 57\ 624 \\ + \quad 21\ 446 \\ \hline 59\ 070 \end{array}$$

$$\begin{array}{r} 79\ 070 \\ - \quad 21\ 446 \\ \hline 57\ 624 \end{array}$$

$$\begin{array}{r} 9. \quad 74\ 658 \\ - \quad 71\ 943 \\ \hline 2715 \end{array}$$

$$\begin{array}{r} 2715 \\ + \quad 71\ 943 \\ \hline 74\ 685 \end{array}$$

$$\begin{array}{r} 5. \quad 31\ 675 \\ - \quad 20\ 262 \\ \hline 11\ 413 \end{array}$$

$$\begin{array}{r} 11\ 413 \\ + \quad 20\ 262 \\ \hline 31\ 675 \end{array}$$

$$\begin{array}{r} 10. \quad 50\ 004 \\ - \quad 32\ 061 \\ \hline 17\ 942 \end{array}$$

$$\begin{array}{r} 17\ 942 \\ + \quad 32\ 061 \\ \hline 50\ 004 \end{array}$$

Mega Mathematician Answers

Use the inverse operation to check if these calculations are correct:

$$\begin{array}{r} 44\ 735 \\ - 27\ 621 \\ \hline 17\ 114 \end{array}$$

$$\begin{array}{r} 72\ 365 \\ + 27\ 621 \\ \hline 100\ 000 \end{array}$$

Correct/Incorrect

$$\begin{array}{r} 56\ 472 \\ + 41\ 653 \\ \hline 98\ 125 \end{array}$$

$$\begin{array}{r} 14\ 219 \\ - 41\ 653 \\ \hline -27\ 434 \end{array}$$

Correct/**Incorrect**

$$\begin{array}{r} 60\ 407 \\ + 72\ 364 \\ \hline 132\ 771 \end{array}$$

$$\begin{array}{r} 132\ 761 \\ - 72\ 364 \\ \hline 60\ 397 \end{array}$$

Correct/**Incorrect**

Mega Mathematician

I can use inverse operations to check answers to calculations.

Calculate the answers to the following calculations and check by using the inverse operation.

$$\begin{array}{r} 1. \quad 73\,993 \\ - \quad 41\,723 \\ \hline \\ \hline \end{array} \quad + \quad \begin{array}{r} \\ \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 243.26 \\ + \quad 164.73 \\ \hline \\ \hline \end{array} \quad - \quad \begin{array}{r} \\ \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 26\,713 \\ + \quad 53\,475 \\ \hline \\ \hline \end{array} \quad - \quad \begin{array}{r} \\ \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 4739.4 \\ - \quad 1374.3 \\ \hline \\ \hline \end{array} \quad + \quad \begin{array}{r} \\ \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 60\,724 \\ - \quad 33\,251 \\ \hline \\ \hline \end{array} \quad + \quad \begin{array}{r} \\ \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 267.07 \\ + \quad 932.42 \\ \hline \\ \hline \end{array} \quad - \quad \begin{array}{r} \\ \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 74\,658 \\ - \quad 71\,943 \\ \hline \\ \hline \end{array} \quad + \quad \begin{array}{r} \\ \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 974.65 \\ + \quad 2335.3 \\ \hline \\ \hline \end{array} \quad - \quad \begin{array}{r} \\ \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 50\,004 \\ - \quad 32\,061 \\ \hline \\ \hline \end{array} \quad + \quad \begin{array}{r} \\ \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 321\,695 \\ - \quad 205\,293 \\ \hline \\ \hline \end{array} \quad + \quad \begin{array}{r} \\ \\ \hline \\ \hline \end{array}$$

Mega Mathematician

Use the inverse operation to check if these calculations are correct:

$$\begin{array}{r} 36\ 786 \\ - 25\ 939 \\ \hline 11\ 847 \\ \hline \end{array}$$

$$\begin{array}{r} + \\ \hline \\ \hline \end{array}$$

Correct/Incorrect

$$\begin{array}{r} 327.64 \\ + 7109.2 \\ \hline 7436.84 \\ \hline \end{array}$$

$$\begin{array}{r} - \\ \hline \\ \hline \end{array}$$

Correct/Incorrect

$$\begin{array}{r} 300.42 \\ - 193.05 \\ \hline 197.38 \\ \hline \end{array}$$

$$\begin{array}{r} + \\ \hline \\ \hline \end{array}$$

Correct/Incorrect

Challenge – can you explain what mistakes have been made and can you correct them?



Mega Mathematician

Answers

$$\begin{array}{r} 1. \quad 73\,993 \\ - \quad 41\,723 \\ \hline 32\,270 \end{array}$$

$$\begin{array}{r} 32\,270 \\ + \quad 41\,723 \\ \hline 73\,993 \end{array}$$

$$\begin{array}{r} 6. \quad 243.26 \\ + \quad 164.73 \\ \hline 407.99 \end{array}$$

$$\begin{array}{r} 407.99 \\ - \quad 164.73 \\ \hline 243.26 \end{array}$$

$$\begin{array}{r} 2. \quad 26\,713 \\ + \quad 53\,475 \\ \hline 80\,188 \end{array}$$

$$\begin{array}{r} 80\,188 \\ - \quad 53\,475 \\ \hline 26\,713 \end{array}$$

$$\begin{array}{r} 7. \quad 4739.4 \\ - \quad 1374.3 \\ \hline 3365.1 \end{array}$$

$$\begin{array}{r} 3365.1 \\ + \quad 1374.3 \\ \hline 4739.4 \end{array}$$

$$\begin{array}{r} 3. \quad 60\,724 \\ - \quad 33\,251 \\ \hline 27\,473 \end{array}$$

$$\begin{array}{r} 27\,473 \\ + \quad 33\,251 \\ \hline 60\,724 \end{array}$$

$$\begin{array}{r} 8. \quad 267.07 \\ + \quad 932.42 \\ \hline 1199.49 \end{array}$$

$$\begin{array}{r} 1199.49 \\ - \quad 932.42 \\ \hline 267.07 \end{array}$$

$$\begin{array}{r} 4. \quad 74\,658 \\ - \quad 71\,943 \\ \hline 2\,715 \end{array}$$

$$\begin{array}{r} 2\,715 \\ + \quad 71\,943 \\ \hline 74\,658 \end{array}$$

$$\begin{array}{r} 9. \quad 974.65 \\ + \quad 2335.3 \\ \hline 3309.95 \end{array}$$

$$\begin{array}{r} 3309.95 \\ - \quad 2335.3 \\ \hline 974.65 \end{array}$$

$$\begin{array}{r} 5. \quad 50\,004 \\ - \quad 32\,061 \\ \hline 17\,943 \end{array}$$

$$\begin{array}{r} 17\,943 \\ + \quad 32\,061 \\ \hline 50\,004 \end{array}$$

$$\begin{array}{r} 10. \quad 321\,695 \\ - \quad 205\,293 \\ \hline 116\,402 \end{array}$$

$$\begin{array}{r} 116\,402 \\ + \quad 205\,293 \\ \hline 321\,695 \end{array}$$

Mega Mathematician **Answers**

Use the inverse operation to check if these calculations are correct:

$$\begin{array}{r} 36\ 786 \\ - 25\ 939 \\ \hline 11\ 847 \\ \hline \end{array}$$

$$\begin{array}{r} 11\ 847 \\ + 25\ 939 \\ \hline 37\ 786 \\ \hline \end{array}$$

Correct/**Incorrect**

$$\begin{array}{r} 327.64 \\ + 7109.2 \\ \hline 7436.84 \\ \hline \end{array}$$

$$\begin{array}{r} 7436.84 \\ - 7109.2 \\ \hline 327.64 \\ \hline \end{array}$$

Correct/Incorrect

$$\begin{array}{r} 300.42 \\ - 193.05 \\ \hline 197.38 \\ \hline \end{array}$$

$$\begin{array}{r} 197.38 \\ + 193.05 \\ \hline 390.42 \\ \hline \end{array}$$

Correct/**Incorrect**

Challenge – can you explain what mistakes have been made and can you correct them?