MULTIPLYING AND DIVIDING INTEGERS

Answer all of these questions. Remember to show your working out in all questions.

MAIN QUESTIONS

1.	-7 × 4	2.	15 ÷ (-3)
3.	-18 × (-2)	4.	(-45) ÷ 9
5.	6 × (-8) + 10	6.	-24 ÷ 3 - 5
7.	(-14) × 3 ÷ 7	8.	33 ÷ (-11) × 4
9.	9 × (-5) - 12	10.	-81 ÷ 9 + 15
11.	(-25) × 4 ÷ (-5)	12.	64 ÷ (-8) × (-3)
13.	17 × (-3) + 25	14.	-42 ÷ 6 - 11
15.	(-60) ÷ 12 × 7	16.	28 × (-2) ÷ 7
17.	13 × (-4) - 8 × 3	18.	$-75 \div 15 + 9 \times 2$
19.	22 × (-3) ÷ 11 + 15	20.	48 ÷ (-6) - 7 × 2
21.	(-19) × 4 + 32 ÷ (-8)	22.	90 ÷ (-9) × 3 - 10
23.	$(-27) \times 2 \div 6 + 14$	24.	55 ÷ (-5) + 8 × 3
25.	36 × (-2) ÷ 12 - 7	26.	(-84) ÷ 7 × 2 + 20
27.	15 × (-6) + 42 ÷ 3	28.	-96 ÷ 12 - 5 × 4

29.	$23 \times (-4) \div 2 + 18$	30.	72 ÷ (-8) × 5 - 25
31.	(-125) × 2 ÷ 25 + 16	32.	88 ÷ (-11) × 4 - 12
33.	47 × (-2) + 60 ÷ 5	34.	$-144 \div 12 \times 3 + 40$
35.	250 ÷ (-5) × 2 - 35	36.	(-99) ÷ 9 × 4 + 72
37.	64 × (-3) ÷ 16 - 10	38.	180 ÷ (-12) × 2 + 50
39.	(-750) ÷ 15 × 2 - 80	40.	99 × (-2) ÷ 11 + 45

MASTER QUESTIONS



M1.	A submarine dives 15 metres every minute. After 8 minutes, it rises 40 metres. What depth is it at now?
M2.	A company loses £250 each day for 6 days, then makes a profit of $\pounds1800$. What is their net financial change?
M3.	The temperature drops 3°C each hour for 12 hours, then rises by 20°C. What was the total temperature change?
M4.	A lift descends 4 floors every 10 seconds for half a minute, then ascends 7 floors. What is its net movement?
M5.	A football team loses 5 yards on each of 3 plays, then gains 22 yards. What is their total yardage change?
M6.	A glacier retreats 8 metres per day for 15 days, then advances 50 metres. What is its net position change?
M7.	A share price falls $\pounds 12$ each day for 5 days, then rises by $\pounds 48$. What is the overall price change?
M8.	A hiker climbs 120 metres uphill, descends 45 metres, then climbs triple her descent. What is her elevation gain?
M9.	A factory produces 25 defective items per hour for 8 hours, then reworks 150 items. What is the net defective count?

M10. An account has £500 withdrawn weekly for 4 weeks, then £800 deposited. What is the account's balance change?