
Great Western Railway

Train Teasers

A photograph of two Great Western Railway (GWR) high-speed trains at a station platform at night. The train in the foreground is a Class 250 Sprinter, featuring a black and yellow livery with 'GWR' written on the front. Its red headlights are illuminated. Another similar train is visible in the background. The platform is lit by overhead lights, and several people can be seen walking in the distance.

GWR


#GWREnterTrainment

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Test your maths skills and learn more about some of the attractions on the GWR network with these fun Train Teasers. The distances chart has been simplified and designed with children in mind and uses GWR services in the majority of cases. Where you see this symbol 🔍 you might need to ask an adult to help you with some research. Good luck!



Train Teasers Distances Chart

	Bath Spa	Bristol Temple Meads	Cardiff Central	Cheltenham Spa	Didcot Parkway	London Paddington	Newbury Racecourse	Oxford	Penzance	Plymouth	Portsmouth Harbour	Reading	Swindon	Worcester Foregate Street
Bath Spa		11	49	57	57	109	90	67	207	127	91	74	30	79
Bristol Temple Meads	11		38	46	68	120	101	78	196	116	102	85	41	68
Cardiff Central	49	38		63	95	147	128	105	234	154	140	112	68	85
Cheltenham Spa	57	46	63		69	123	102	79	242	208	148	86	42	22
Didcot Parkway	57	68	95	69		53	33	10	275	195	151	17	27	67
London Paddington	109	120	147	123	53		52	63	294	214	170	36	81	120
Newbury Racecourse	90	101	128	102	33	52		44	242	162	118	16	61	101
Oxford	67	78	105	79	10	63	44		285	205	161	27	37	57
Penzance	207	196	234	242	275	294	242	285		80	270	258	237	254
Plymouth	127	116	154	208	195	214	162	205	80		190	178	157	174
Portsmouth Harbour	91	102	140	148	151	170	118	161	270	190		134	143	170
Reading	74	85	112	86	17	36	16	27	258	178	134		45	85
Swindon	30	41	68	42	27	81	61	37	237	157	143	45		65
Worcester Foregate Street	79	68	85	22	67	120	101	57	254	174	170	85	65	

(Measurements have been rounded up/down for ease)

(Distance chart uses GWR services in the majority of cases)

(Distances based on quickest journey times)

Train teaser 1

- **Melanie travels to work as a dental nurse in Cardiff city centre on weekdays and then home again each night to Bristol Temple Meads.**

- a) How many miles a week does she travel on the GWR line?
- b) One week she takes Friday off. How many miles does she travel that week?
- c) What's the name of the stadium directly outside Cardiff Central station? 🔍



Train teaser 2

- **Kieran is working on a project about trains during the school holidays and is hoping to visit some museums near to his Reading home.**

- a) Which is closest, the STEAM Museum at Swindon or the Didcot Railway Centre? 🔍
- b) He decides to visit STEAM on Wednesday and Didcot on Friday. How many miles does he travel (there and back) on the GWR line?
- c) Kieran's mum and his brother Billy join him on both days. What's the total number of miles travelled by the family altogether?



Train teaser 3



- **Young football fans Gemma and Talia support Plymouth Argyle and ask their mum and dad if they can go to watch the Devon derby at Home Park.**
 - a) Who will Plymouth be playing? 🔍
 - b) All four go to the match, travelling on the train from Penzance and returning home after the game. What's the total number of miles travelled by the family altogether?
 - c) Sir Francis Drake sailed from Plymouth on his historic journey around the globe from 1577-1580. What was the name of his ship? 🔍

Train teaser 4

- **Isambard Kingdom Brunel walked from Bristol to London in 1833 as he set about building a railway that would be the envy of the world.**
 - a) How far is today's train journey from Bristol Temple Meads to London Paddington?
 - b) Pete is researching Brunel's engineering feats and travels from Bristol Temple Meads to Paddington and back again every day for seven consecutive days. What's his total number of miles travelled?
 - c) Brunel also designed the Clifton Suspension Bridge. What date did it open? 🔍



Train teaser 5

- **Tom and Sara are looking forward to a long weekend in Cornwall, travelling from London Paddington to Penzance.**
 - a) How long will their journey be in miles, taking the most direct route?
 - b) What is the famous Cornish landmark marking the most westerly point of the English mainland? 🔍
 - c) On their way home Tom and Sara decide to visit relatives, stopping in Bristol before travelling on to London. How much further is this journey than their direct trip to Penzance?



Train teaser 6

- **Alice and her classmates are learning about Henry VIII and how his famous flagship the Mary Rose sunk in 1545. A school trip is planned to the Mary Rose Museum in Portsmouth.**



- a) What is the closest railway station to the museum? 🔍
- b) How many miles is the train journey from Alice's home town of Bath?
- c) Alice and 19 classmates enjoy the trip before returning home later that day. What's the total number of miles travelled altogether by the whole class?



Train teaser 7

- **Ben and Julie are planning a birthday surprise for their dad Rob. They want it to include an afternoon at the races and are spoilt for choice with Bath, Cheltenham and Newbury all nearby.**
 - a) The group will be travelling from Swindon. Which racecourse is closest by train?
 - b) Which town or city is the only one they can't reach without having to change trains? 🔍
 - c) Which of these racecourses traditionally stages a four-day National Hunt festival in March which attracts more than 250,000 spectators? 🔍

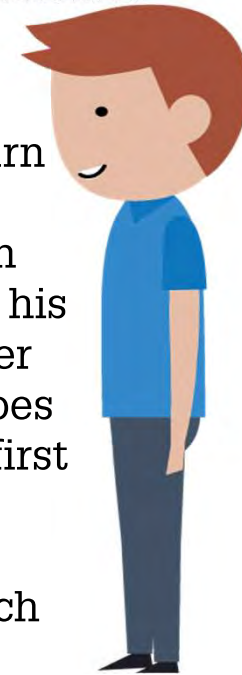


Train teaser 8

- **Teddy has started studying at Bath Spa University where he will be living from September to May. He returns to see his family in Cardiff once a month.**



- a) What's the total number of miles he travels on his return journey?
- b) Teddy decides not to return home in February but sees his family as normal every other month. How many miles does he travel with GWR in his first year at university?
- c) What is the name of the famous bridge in Bath which crosses the River Avon? 🔍



Train teaser 9

- **Heidi works as a GWR customer ambassador at Reading station Monday-Friday, travelling to and from London Paddington by train each day.**

- a) How many miles a week does she travel on the GWR line?
- b) One Friday after work, Heidi travels from Reading to Swindon to meet colleagues, before returning home to London that night. How far does she travel that week?
- c) Heidi agrees to some weekend overtime, working as a customer ambassador at Bristol Temple Meads on Saturday and Sunday. She then works Monday-Wednesday at Reading. What's the total number of miles she travels in five days?



Train teaser 10

- **Jason and Marc have agreed to meet at Worcester Foregate Street for an outing to the Natural History Museum in London.**
 - a) What is the distance in miles to London Paddington?
 - b) Their friend Steven joins them at Oxford, travelling on a direct train to the capital. After a fun day out they return home, with Steven getting off at Oxford and Jason and Marc at Worcester Foregate Street. What is their combined total distance travelled with GWR?
 - c) Paddington is served by Hammersmith & City, District, Circle and which other Underground line? 🔍



Answers

- 7**
a) Bath Spa
b) Newbury Racecourse
c) Cheltenham

- 8**
a) 98 miles
b) 784 miles
c) Pulteney Bridge

- 9**
a) 360 miles
b) 450 miles
c) 696 miles

- 10**
a) 120 miles
b) 606 miles
c) Bakerloo

- 5**
a) 294 miles
b) Land's End
c) 22 miles
- 6**
a) Portsmouth Harbour
b) 91 miles
c) 3,640 miles



- 1**
a) 380 miles
b) 304 miles
c) Principality Stadium

- 2**
a) Didcot Railway Centre
b) 124 miles
c) 372 miles

- 3**
a) Exeter City
b) 640 miles
c) The Golden Hind

- 4**
a) 120 miles
b) 1,680 miles
c) 8 December 1864