Q1 Jane earns $8.75 per hour for the first 8 hours she works each day, then time-and-a-half for each hour after that.
What is Jane paid on days in which she works:

(i) 6 hours   (ii) 8 hours   (iii) 9 hours   (iv) 11.5 hours   (v) 8.75 hours

Q2 If Felicity works overtime she is paid more than her normal rate which is $12.75 p.h. for the first 8 hours of work per day. Felicity earns time-and-a-half for the next 2 hours, then double-time for any hours worked after that.
Calculate Felicity's pay on days in which she worked the following:

(i) 3.5 hours   (ii) 9 hours   (iii) 10 hours   (iv) 11 hours   (v) 15 hours

Q3 Below is a time card for some workers at Mathjuice Company.
Complete the card to obtain the week's wages for these workers.

Name	Hourly Rate	Normal	Time + half	Double time	Wage
(i) J. Bean	$8.75	40	3	4	
(ii) M. Bar	$12.48	35	0	0	
(iii) L. Pop	$9.25	38	2	4.5	
(iv) I. Scream	$14.10	40	0	0	
(v) M. Tee	$10.15	38.5	1	0	

Q4 Mikhaila earns $502 for a 40-hour week at normal pay. She needs to earn another $1 000 over the next 12 weeks to put towards a holiday. Find:

(i) her normal hourly rate of pay.

(ii) the number of extra hours (to the nearest hour) she must work over the next 12 weeks at time-and-a-half in order to save the $1 000.

Q5 Michael receives his pay and decides to check the figures.
He finds that he is paid $195 for overtime of 12 hours.

(i) What is the rate per hour Michael is paid for overtime?

(ii) If the overtime is paid at time-and-a-half, what is his normal hourly rate?

Q6 Miriam earns $11.56 per hour. She earns overtime at time-and-a-half for the first 3 hours she works each day after the normal 8 hours worked. After this her rate becomes double-time. In order to save for a house deposit Miriam decides to work overtime for 4 hours each day, 5 days a week for 12 weeks.

How much money will she earn in overtime by the end of the 12 weeks?

ANSWERS

A) $10.83	F) $45	K) $75	P) $121.13	U) $436.80
B) $12.55	G) $52.50	L) $79.84	Q) $140.25	V) $459.38
C) $16.25	H) 53	M) $83.13	R) $165.75	W) $462.50
D) $27	I) 55	N) $115.94	S) $267.75	X) $564
E) $44.63	J) $70	O) $116	T) $406	Y) $4 508.40