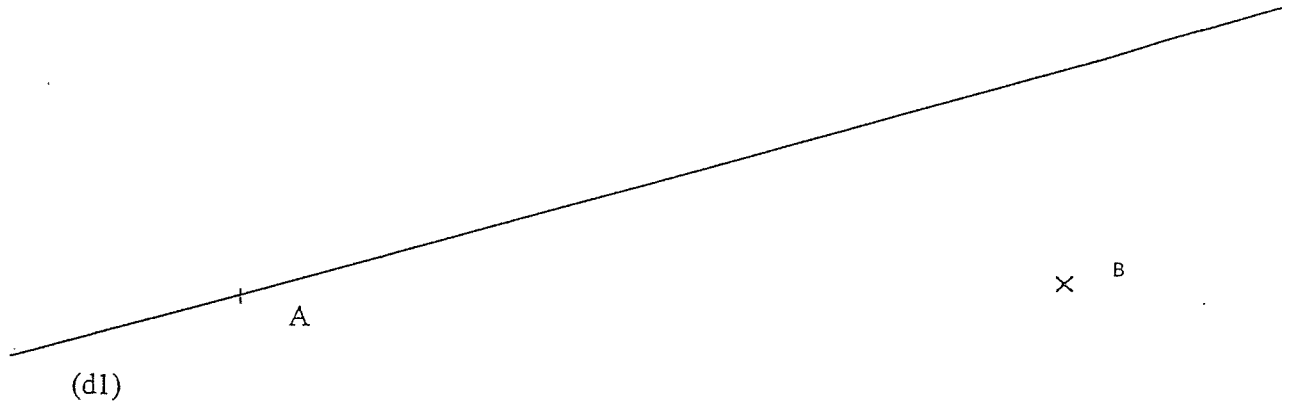


Ex13 :

Trace une droite (d2) perpendiculaire à (d1).

Trace une droite (d3) perpendiculaire à (d1) et passant par A.

Trace une droite (d4) perpendiculaire à (d1) et passant par B.

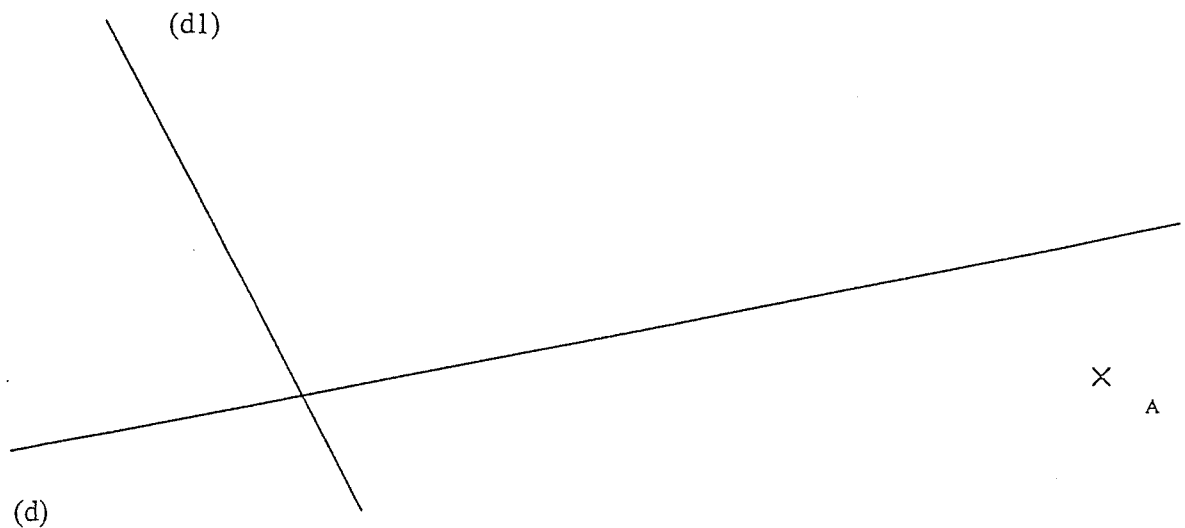


Ex14 :

Trace une droite (d2) parallèle à (d1).

Trace une droite (d3) parallèle à (d) et passant par A.

Trace une droite (d4) parallèle à (d) et distante de 4 cm. (Laisse les traits de construction)



Compléter les fractions égales

1

ex: $\frac{8}{7} = \frac{24}{21} = \frac{32}{28}$

$\frac{3}{6} = \frac{42}{84} = \frac{54}{90}$

$\frac{12}{3} = \frac{36}{9} = \frac{48}{6}$

$\frac{4}{12} = \frac{36}{108} = \frac{48}{144}$

$\frac{3}{13} = \frac{9}{39} = \frac{12}{52}$

$\frac{2}{1} = \frac{24}{12} = \frac{36}{18}$

$\frac{13}{8} = \frac{182}{112} = \frac{219}{136}$

$\frac{13}{6} = \frac{78}{48} = \frac{104}{60}$

$\frac{5}{13} = \frac{25}{65} = \frac{35}{91}$

$\frac{3}{11} = \frac{6}{22} = \frac{9}{33}$

$\frac{6}{10} = \frac{54}{90} = \frac{72}{120}$

$\frac{2}{4} = \frac{18}{36} = \frac{24}{48}$

2

$\frac{4}{3} = \frac{28}{21} = \frac{32}{24}$

$\frac{2}{4} = \frac{12}{24} = \frac{16}{32}$

$\frac{5}{13} = \frac{25}{65} = \frac{35}{91}$

$\frac{6}{13} = \frac{18}{39} = \frac{24}{52}$

$\frac{4}{8} = \frac{32}{80} = \frac{36}{90}$

$\frac{9}{12} = \frac{36}{48} = \frac{45}{60}$

$\frac{7}{6} = \frac{70}{60} = \frac{105}{90}$

$\frac{5}{7} = \frac{45}{63} = \frac{55}{77}$

$\frac{1}{2} = \frac{12}{24} = \frac{15}{30}$

$\frac{1}{12} = \frac{5}{60} = \frac{7}{84}$

$\frac{2}{10} = \frac{4}{20} = \frac{6}{30}$

$\frac{12}{13} = \frac{156}{169} = \frac{180}{208}$

3

$\frac{2}{6} = \frac{10}{30} = \frac{12}{36}$

$\frac{13}{6} = \frac{143}{54} = \frac{156}{72}$

$\frac{11}{5} = \frac{66}{30} = \frac{77}{35}$

$\frac{12}{13} = \frac{36}{39} = \frac{48}{52}$

$\frac{11}{6} = \frac{132}{72} = \frac{154}{96}$

$\frac{10}{3} = \frac{120}{36} = \frac{140}{42}$

$\frac{1}{5} = \frac{6}{30} = \frac{7}{35}$

$\frac{10}{4} = \frac{20}{8} = \frac{25}{4}$

$\frac{12}{9} = \frac{60}{45} = \frac{72}{60}$

$\frac{13}{11} = \frac{26}{22} = \frac{39}{33}$

$\frac{1}{12} = \frac{7}{84} = \frac{9}{108}$

$\frac{4}{11} = \frac{44}{121} = \frac{48}{132}$

4

$\frac{2}{12} = \frac{12}{72} = \frac{16}{144}$

$\frac{10}{2} = \frac{20}{2} = \frac{30}{2}$

$\frac{6}{2} = \frac{12}{2} = \frac{18}{2}$

$\frac{6}{2} = \frac{18}{2} = \frac{24}{2}$

$\frac{8}{2} = \frac{64}{8} = \frac{72}{9}$

$\frac{3}{10} = \frac{21}{70} = \frac{24}{80}$

$\frac{7}{13} = \frac{98}{182} = \frac{105}{210}$

$\frac{2}{10} = \frac{10}{50} = \frac{12}{60}$

$\frac{2}{3} = \frac{12}{6} = \frac{14}{7}$